

## (VIII) PROTECTED SPECIES WITHIN EACH CRITICAL HABITAT UNIT FOR LANAI—Continued

Unit name	Species occupied	Species unoccupied
Lanai 2— <i>Bidens micrantha</i> ssp. <i>kalealaha</i> —North.	.....	<i>Bidens micrantha</i> ssp. <i>kalealaha</i> .
Lanai 3— <i>Bidens micrantha</i> ssp. <i>kalealaha</i> —Middle.	.....	<i>Bidens micrantha</i> ssp. <i>kalealaha</i> .
Lanai 4— <i>Bidens micrantha</i> ssp. <i>kalealaha</i> —South.	.....	<i>Bidens micrantha</i> ssp. <i>kalealaha</i> .
Lanai 5— <i>Portulaca sclerocarpa</i> —Coast .....	.....	<i>Portulaca sclerocarpa</i> .
Lanai 6— <i>Portulaca sclerocarpa</i> —Isle .....	.....	<i>Portulaca sclerocarpa</i> .

(2) Hawaiian plants—Constituent elements; Flowering plants.

Family Asteraceae: *Bidens micrantha* ssp. *kalealaha* (kookoolau)

Lanai 2—*Bidens micrantha* ssp. *kalealaha*—North, Lanai 3—*Bidens micrantha* ssp. *kalealaha*—Middle, and Lanai 4—*Bidens micrantha* ssp. *kalealaha*—South, identified in the legal descriptions in (b)(1)(iii), (b)(1)(iv), and (b)(1)(v) of this section, constitute critical habitat for *Bidens micrantha* ssp. *kalealaha* on Lanai. Within these units, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

- (i) Gulch slopes in dry *Dodonaea viscosa* shrubland; and
- (ii) Elevations between 409 and 691 m (1,342 and 2,267 ft).

Family Asteraceae: *Tetramolopium remyi* (NCN)

Lanai 1—*Tetramolopium remyi*, identified in the legal descriptions in (b)(1)(ii) of this section, constitutes critical habitat for *Tetramolopium remyi* on Lanai. Within this unit, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

- (i) Red, sandy, loam soil in dry *Dodonaea viscosa*-*Heteropogon contortus* communities with one or more of the following associated native species: *Bidens mauiensis*, *Waltheria indica*, *Wikstroemia oahuensis*, or *Melanthera lavarum*; and
- (ii) Elevations between 90 and 481 m (295 and 1,578 ft).

Family Portulacaceae: *Portulaca sclerocarpa* (poe)

Lanai 5—*Portulaca sclerocarpa*—Coast and Lanai 6—*Portulaca sclerocarpa*—Isle, identified in the legal descriptions in (b)(1)(vi) and (b)(1)(vii) of this section, constitute critical habitat for *Portulaca sclerocarpa* on Lanai. Within these units, the currently known primary constituent elements of critical habitat include, but are not limited to, the habitat components provided by:

- (i) Exposed ledges in thin soil in coastal communities; and
- (ii) Elevations between 0 and 30 m (0 and 98 ft).

[43 FR 39043, Aug. 31, 1978]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting § 17.96, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and on GPO Access.

**§ 17.97 Critical habitat; 15 vernal pool species in California and southern Oregon.**

(a) The paragraphs in this section provide maps and legal descriptions of general critical habitat areas designated for the following 15 species: Conservancy fairy shrimp (*Branchinecta conservatio*), longhorn fairy shrimp (*Branchinecta longiantenna*), vernal pool fairy shrimp (*Branchinecta lynchi*), vernal pool tadpole shrimp (*Lepidurus packardi*), *Castilleja campestris* ssp. *succulenta* (fleshy owl's-clover), *Chamaesyce hooveri* (Hoover's spurge), *Lasthenia conjugens* (Contra Costa goldfields), *Limnanthes floccosa* ssp. *californica* (Butte County meadowfoam), *Neostapfia colusana* (Colusa grass), *Orcuttia inaequalis* (San Joaquin Valley Orcutt grass), *Orcuttia pilosa* (hairy Orcutt grass), *Orcuttia tenuis* (slender Orcutt grass), *Orcuttia viscida* (Sacramento Orcutt grass), *Tuctoria greenei* (Greene's tuctoria), and *Tuctoria mucronata* (Solano grass).

(b) Critical habitat units are depicted for Jackson County, Oregon, and the following counties in California: Alameda, Amador, Butte, Colusa, Contra Costa, Fresno, Glenn, Kings, Lake, Lassen, Madera, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Placer, Plumas, Sacramento, San Benito, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Solano,

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Stanislaus, Tehama, Tulare, Tuolumne, Ventura, Yolo, and Yuba.

(c) Within the areas designated as critical habitat for the 15 vernal pool species, the primary constituent elements are as follows:

(1) The primary constituent elements of critical habitat for Conservancy fairy shrimp (*Branchinecta conservatio*) are the habitat components that provide:

(i) Topographic features characterized by mounds and swales and depressions within a matrix of surrounding uplands that result in complexes of continuously, or intermittently, flowing surface water in the swales connecting the pools described in paragraph (c)(1)(ii) of this section, providing for dispersal and promoting hydroperiods of adequate length in the pools;

(ii) Depressional features including isolated vernal pools with underlying restrictive soil layers that become inundated during winter rains and that continuously hold water for a minimum of 19 days, in all but the driest years; thereby providing adequate water for incubation, maturation, and reproduction. As these features are inundated on a seasonal basis, they do not promote the development of obligate wetland vegetation habitats typical of permanently flooded emergent wetlands;

(iii) Sources of food, expected to be detritus occurring in the pools, contributed by overland flow from the pools' watershed, or the results of biological processes within the pools themselves, such as single-celled bacteria, algae, and dead organic matter, to provide for feeding; and

(iv) Structure within the pools described in paragraph (c)(1)(ii) of this section, consisting of organic and inorganic materials, such as living and dead plants from plant species adapted to seasonally inundated environments, rocks, and other inorganic debris that may be washed, blown, or otherwise transported into the pools, that provide shelter.

(2) The primary constituent elements of critical habitat for longhorn fairy shrimp (*Branchinecta longiantenna*) are the habitat components that provide:

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(i) Topographic features characterized by mounds and swales and depressions within a matrix of surrounding uplands that result in complexes of continuously, or intermittently, flowing surface water in the swales connecting the pools described in paragraph (c)(2)(ii) of this section, providing for dispersal and promoting hydroperiods of adequate length in the pools;

(ii) Depressional features including isolated vernal pools with underlying restrictive soil layers that become inundated during winter rains and that continuously hold water for a minimum of 23 days, in all but the driest years; thereby providing adequate water for incubation, maturation, and reproduction. As these features are inundated on a seasonal basis, they do not promote the development of obligate wetland vegetation habitats typical of permanently flooded emergent wetlands;

(iii) Sources of food, expected to be detritus occurring in the pools, contributed by overland flow from the pools' watershed, or the results of biological processes within the pools themselves, such as single-celled bacteria, algae, and dead organic matter, to provide for feeding; and

(iv) Structure within the pools described in paragraph (c)(2)(ii) of this section, consisting of organic and inorganic materials, such as living and dead plants from plant species adapted to seasonally inundated environments, rocks, and other inorganic debris that may be washed, blown, or otherwise transported into the pools, that provide shelter.

(3) The primary constituent elements of critical habitat for vernal pool fairy shrimp (*Branchinecta lynchii*) are the habitat components that provide:

(i) Topographic features characterized by mounds and swales and depressions within a matrix of surrounding uplands that result in complexes of continuously, or intermittently, flowing surface water in the swales connecting the pools described in paragraph (c)(3)(ii) of this section, providing for dispersal and promoting hydroperiods of adequate length in the pools;

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(ii) Depressional features including isolated vernal pools with underlying restrictive soil layers that become inundated during winter rains and that continuously hold water for a minimum of 18 days, in all but the driest years; thereby providing adequate water for incubation, maturation, and reproduction. As these features are inundated on a seasonal basis, they do not promote the development of obligate wetland vegetation habitats typical of permanently flooded emergent wetlands;

(iii) Sources of food, expected to be detritus occurring in the pools, contributed by overland flow from the pools' watershed, or the results of biological processes within the pools themselves, such as single-celled bacteria, algae, and dead organic matter, to provide for feeding; and

(iv) Structure within the pools described in paragraph (c)(3)(ii) of this section, consisting of organic and inorganic materials, such as living and dead plants from plant species adapted to seasonally inundated environments, rocks, and other inorganic debris that may be washed, blown, or otherwise transported into the pools, that provide shelter.

(4) The primary constituent elements of critical habitat for vernal pool tadpole shrimp (*Lepidurus packardi*) are the habitat components that provide:

(i) Topographic features characterized by mounds and swales and depressions within a matrix of surrounding uplands that result in complexes of continuously, or intermittently, flowing surface water in the swales connecting the pools described in paragraph (c)(4)(ii) of this section, providing for dispersal and promoting hydroperiods of adequate length in the pools;

(ii) Depressional features including isolated vernal pools with underlying restrictive soil layers that become inundated during winter rains and that continuously hold water for a minimum of 41 days, in all but the driest years; thereby providing adequate water for incubation, maturation, and reproduction. As these features are inundated on a seasonal basis, they do not promote the development of obligate wetland vegetation habitats typ-

ical of permanently flooded emergent wetlands;

(iii) Sources of food, expected to be detritus occurring in the pools, contributed by overland flow from the pools' watershed, or the results of biological processes within the pools themselves, such as single-celled bacteria, algae, and dead organic matter, to provide for feeding; and

(iv) Structure within the pools described in paragraph (c)(4)(ii) of this section, consisting of organic and inorganic materials, such as living and dead plants from plant species adapted to seasonally inundated environments, rocks, and other inorganic debris that may be washed, blown, or otherwise transported into the pools, that provide shelter.

(5) The primary constituent elements of critical habitat for *Limnanthes floccosa* ssp. *californica* (Butte County meadowfoam) are the habitat components that provide:

(i) Topographic features characterized by isolated mound and intermound complex within a matrix of surrounding uplands that result in continuously, or intermittently, flowing surface water in the depressional features including swales connecting the pools described in paragraph (c)(5)(ii) of this section, providing for dispersal and promoting hydroperiods of adequate length in the pools; and

(ii) Depressional features including isolated vernal pools with underlying restrictive soil layers that become inundated during winter rains and that continuously hold water or whose soils are saturated for a period long enough to promote germination, flowering, and seed production of predominantly annual native wetland species and typically exclude both native and non-native upland plant species in all but the driest years. As these features are inundated on a seasonal basis, they do not promote the development of obligate wetland vegetation habitats typical of permanently flooded emergent wetlands.

(6) The primary constituent elements of critical habitat for *Lasthenia conjugens* (Contra Costa goldfields) are the habitat components that provide:

(i) Topographic features characterized by isolated mound and intermound

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complex within a matrix of surrounding uplands that result in continuously, or intermittently, flowing surface water in the depressional features including swales connecting the pools described in paragraph (c)(6)(ii) of this section, providing for dispersal and promoting hydroperiods of adequate length in the pools;

(ii) Depressional features including isolated vernal pools with underlying restrictive soil layers that become inundated during winter rains and that continuously hold water or whose soils are saturated for a period long enough to promote germination, flowering, and seed production of predominantly annual native wetland species and typically exclude both native and non-native upland plant species in all but the driest years. As these features are inundated on a seasonal basis, they do not promote the development of obligate wetland vegetation habitats typical of permanently flooded emergent wetlands; and

(7) The primary constituent elements of critical habitat for *Chamaesyce hooveri* (Hoover's spurge) are the habitat components that provide:

(i) Topographic features characterized by isolated mound and intermound complex within a matrix of surrounding uplands that result in continuously, or intermittently, flowing surface water in the depressional features including swales connecting the pools described in paragraph (c)(7)(ii) of this section, providing for dispersal and promoting hydroperiods of adequate length in the pools; and

(ii) Depressional features including isolated vernal pools with underlying restrictive soil layers that become inundated during winter rains and that continuously hold water or whose soils are saturated for a period long enough to promote germination, flowering, and seed production of predominantly annual native wetland species and typically exclude both native and non-native upland plant species in all but the driest years. As these features are inundated on a seasonal basis, they do not promote the development of obligate wetland vegetation habitats typical of permanently flooded emergent wetlands.

(8) The primary constituent elements of critical habitat for *Castilleja campestris* ssp. *succulenta* (Fleshy owl's-clover) are the habitat components that provide:

(i) Topographic features characterized by isolated mound and intermound complex within a matrix of surrounding uplands that result in continuously, or intermittently, flowing surface water in the depressional features including swales connecting the pools described in paragraph (c)(8)(ii) of this section, providing for dispersal and promoting hydroperiods of adequate length in the pools; and

(ii) Depressional features including isolated vernal pools with underlying restrictive soil layers that become inundated during winter rains and that continuously hold water or whose soils are saturated for a period long enough to promote germination, flowering, and seed production of predominantly annual native wetland species and typically exclude both native and non-native upland plant species in all but the driest years. As these features are inundated on a seasonal basis, they do not promote the development of obligate wetland vegetation habitats typical of permanently flooded emergent wetlands.

(9) The primary constituent elements of critical habitat for *Neostapfia colusana* (Colusa grass) are the habitat components that provide:

(i) Topographic features characterized by isolated mound and intermound complex within a matrix of surrounding uplands that result in continuously, or intermittently, flowing surface water in the depressional features including swales connecting the pools described in paragraph (c)(9)(ii) of this section, providing for dispersal and promoting hydroperiods of adequate length in the pools; and

(ii) Depressional features including isolated vernal pools with underlying restrictive soil layers that become inundated during winter rains and that continuously hold water or whose soils are saturated for a period long enough to promote germination, flowering, and seed production of predominantly annual native wetland species and typically exclude both native and non-native upland plant species in all but

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the driest years. As these features are inundated on a seasonal basis, they do not promote the development of obligate wetland vegetation habitats typical of permanently flooded emergent wetlands.

(10) The primary constituent elements of critical habitat for *Tuctoria greenei* (Greene's tuctoria) are the habitat components that provide:

(i) Topographic features characterized by isolated mound and intermound complex within a matrix of surrounding uplands that result in continuously, or intermittently, flowing surface water in the depressional features including swales connecting the pools described in paragraph (c)(10)(ii) of this section, providing for dispersal and promoting hydroperiods of adequate length in the pools; and

(ii) Depressional features including isolated vernal pools with underlying restrictive soil layers that become inundated during winter rains and that continuously hold water or whose soils are saturated for a period long enough to promote germination, flowering, and seed production of predominantly annual native wetland species and typically exclude both native and non-native upland plant species in all but the driest years. As these features are inundated on a seasonal basis, they do not promote the development of obligate wetland vegetation habitats typical of permanently flooded emergent wetlands.

(11) The primary constituent elements of critical habitat for *Orcuttia pilosa* (hairy Orcutt grass) are the habitat components that provide:

(i) Topographic features characterized by isolated mound and intermound complex within a matrix of surrounding uplands that result in continuously, or intermittently, flowing surface water in the depressional features including swales connecting the pools described in paragraph (c)(11)(ii) of this section, providing for dispersal and promoting hydroperiods of adequate length in the pools; and

(ii) Depressional features including isolated vernal pools with underlying restrictive soil layers that become inundated during winter rains and that continuously hold water or whose soils are saturated for a period long enough

to promote germination, flowering, and seed production of predominantly annual native wetland species and typically exclude both native and non-native upland plant species in all but the driest years. As these features are inundated on a seasonal basis, they do not promote the development of obligate wetland vegetation habitats typical of permanently flooded emergent wetlands.

(12) The primary constituent elements of critical habitat for *Orcuttia viscida* (Sacramento Orcutt grass) are the habitat components that provide:

(i) Topographic features characterized by isolated mound and intermound complex within a matrix of surrounding uplands that result in continuously, or intermittently, flowing surface water in the depressional features including swales connecting the pools described in paragraph (c)(12)(ii) of this section, providing for dispersal and promoting hydroperiods of adequate length in the pools; and

(ii) Depressional features including isolated vernal pools with underlying restrictive soil layers that become inundated during winter rains and that continuously hold water or whose soils are saturated for a period long enough to promote germination, flowering, and seed production of predominantly annual native wetland species and typically exclude both native and non-native upland plant species in all but the driest years. As these features are inundated on a seasonal basis, they do not promote the development of obligate wetland vegetation habitats typical of permanently flooded emergent wetlands.

(13) The primary constituent elements of critical habitat for *Orcuttia inaequalis* (San Joaquin Valley Orcutt grass) are the habitat components that provide:

(i) Topographic features characterized by isolated mound and intermound complex within a matrix of surrounding uplands that result in continuously, or intermittently, flowing surface water in the depressional features including swales connecting the pools described in paragraph (c)(13)(ii) of this section, providing for dispersal and promoting hydroperiods of adequate length in the pools; and

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(ii) Depressional features including isolated vernal pools with underlying restrictive soil layers that become inundated during winter rains and that continuously hold water or whose soils are saturated for a period long enough to promote germination, flowering, and seed production of predominantly annual native wetland species and typically exclude both native and non-native upland plant species in all but the driest years. As these features are inundated on a seasonal basis, they do not promote the development of obligate wetland vegetation habitats typical of permanently flooded emergent wetlands.

(14) The primary constituent elements of critical habitat for *Orcuttia tenuis* (slender Orcutt grass) are the habitat components that provide:

(i) Topographic features characterized by isolated mound and intermound complex within a matrix of surrounding uplands that result in continuously, or intermittently, flowing surface water in the depressional features including swales connecting the pools described in paragraph (c)(14)(ii) of this section, providing for dispersal and promoting hydroperiods of adequate length in the pools; and

(ii) Depressional features including isolated vernal pools with underlying restrictive soil layers that become inundated during winter rains and that continuously hold water or whose soils are saturated for a period long enough to promote germination, flowering, and seed production of predominantly annual native wetland species and typically exclude both native and non-native upland plant species in all but the driest years. As these features are inundated on a seasonal basis, they do not promote the development of obligate wetland vegetation habitats typical of permanently flooded emergent wetlands.

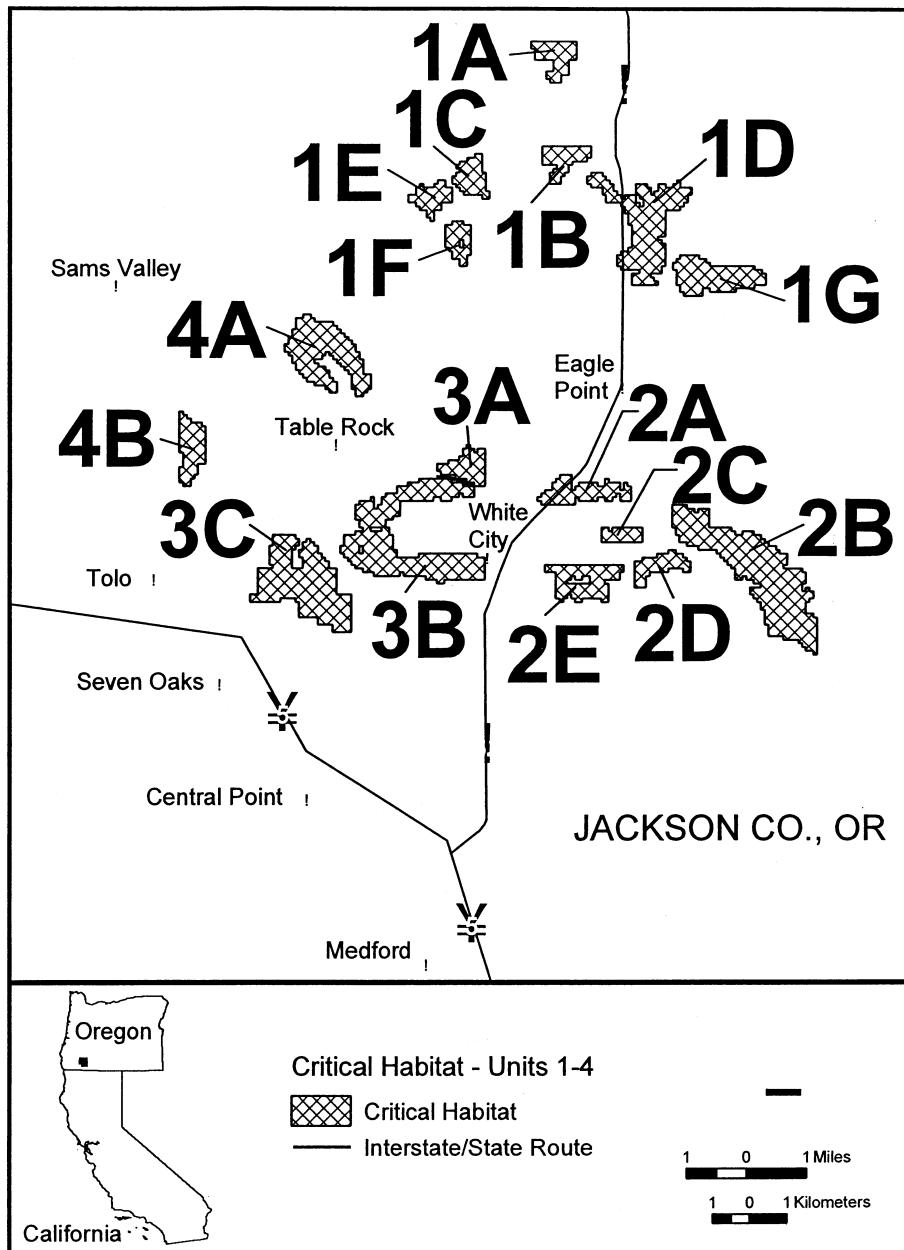
(15) The primary constituent elements of critical habitat for *Tuctoria mucronata* (Solano grass) are the habitat components that provide:

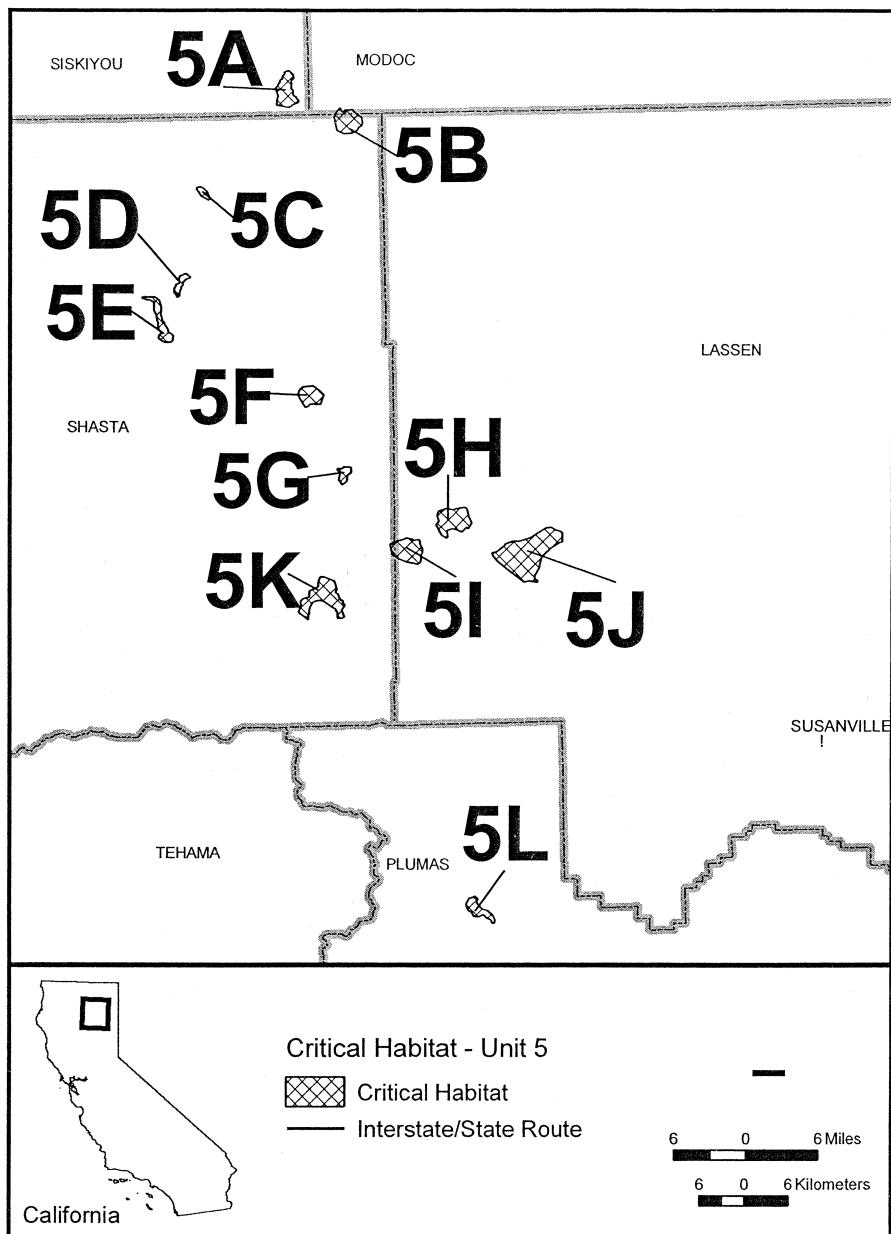
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(i) Topographic features characterized by isolated mound and intermound complex within a matrix of surrounding uplands that result in continuously, or intermittently, flowing surface water in the depressional features including swales connecting the pools described in paragraph (c)(15)(ii) of this section, providing for dispersal and promoting hydroperiods of adequate length in the pools; and

(ii) Depressional features including isolated vernal pools with underlying restrictive soil layers that become inundated during winter rains and that continuously hold water or whose soils are saturated for a period long enough to promote germination, flowering, and seed production of predominantly annual native wetland species and typically exclude both native and non-native upland plant species in all but the driest years. As these features are inundated on a seasonal basis, they do not promote the development of obligate wetland vegetation habitats typical of permanently flooded emergent wetlands.

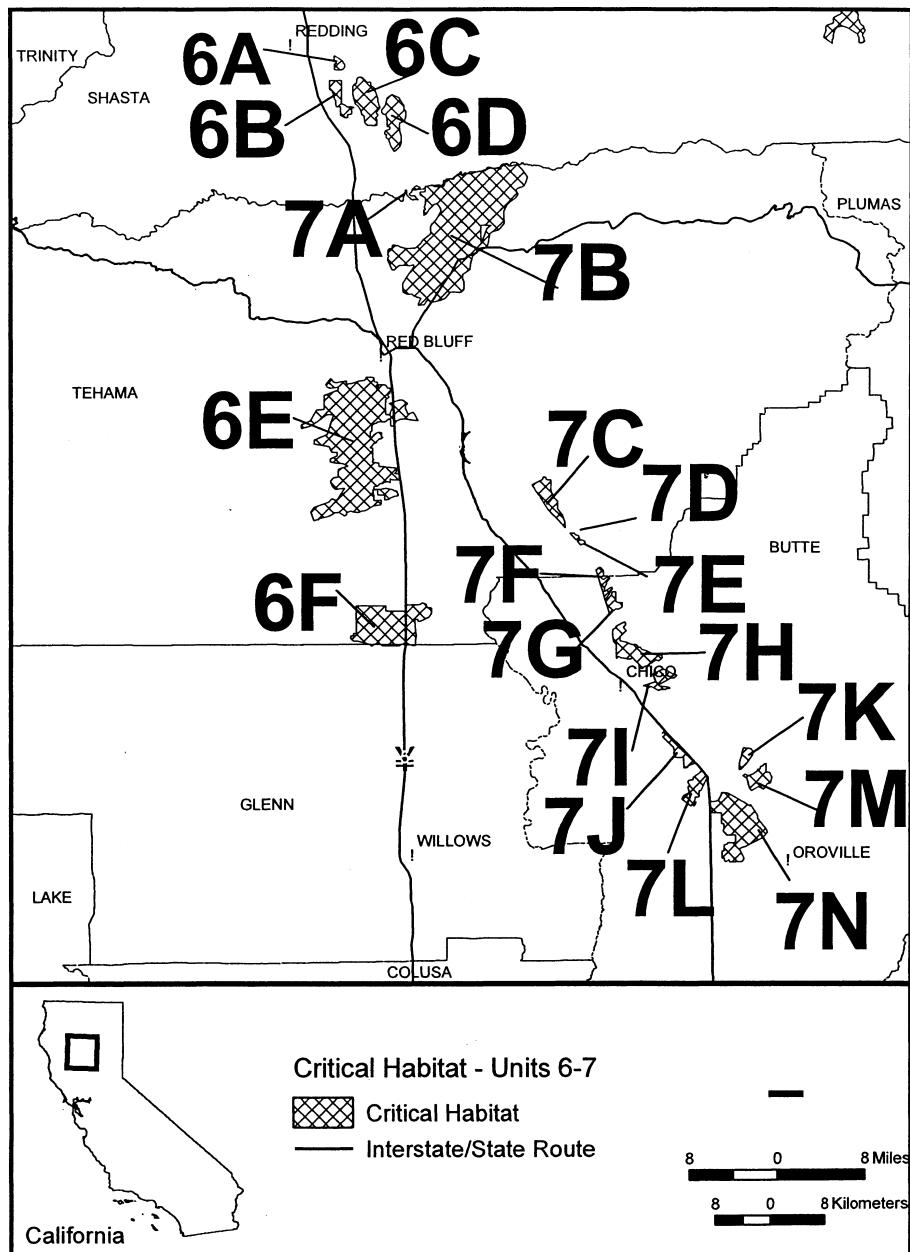
(d) Maps of the critical habitat for Conservancy fairy shrimp (*Branchinecta conservatio*), longhorn fairy shrimp (*Branchinecta longiantenna*), vernal pool fairy shrimp (*Branchinecta lynchi*), vernal pool tadpole shrimp (*Lepidurus packardi*), *Limnanthes floccosa* ssp. *californica* (Butte County meadowfoam), *Lasthenia conjugens* (Contra Costa goldfields), *Chamaesyce hooveri* (Hoover's spurge), *Castilleja campestris* ssp. *succulenta* (fleshy (or succulent) owl's-clover), *Neostapfia colusana* (Colusa grass), *Tuctoria greenei* (Greene's tuctoria), *Orcuttia pilosa* (hairy Orcutt grass), *Orcuttia viscosa* (Sacramento Orcutt grass), *Orcuttia inaequalis* (San Joaquin Valley Orcutt grass), *Orcuttia tenuis* (slender Orcutt grass), and *Tuctoria mucronata* (Solano grass) follow. The legal descriptions of these critical habitat units are provided in paragraph (e) of this section.

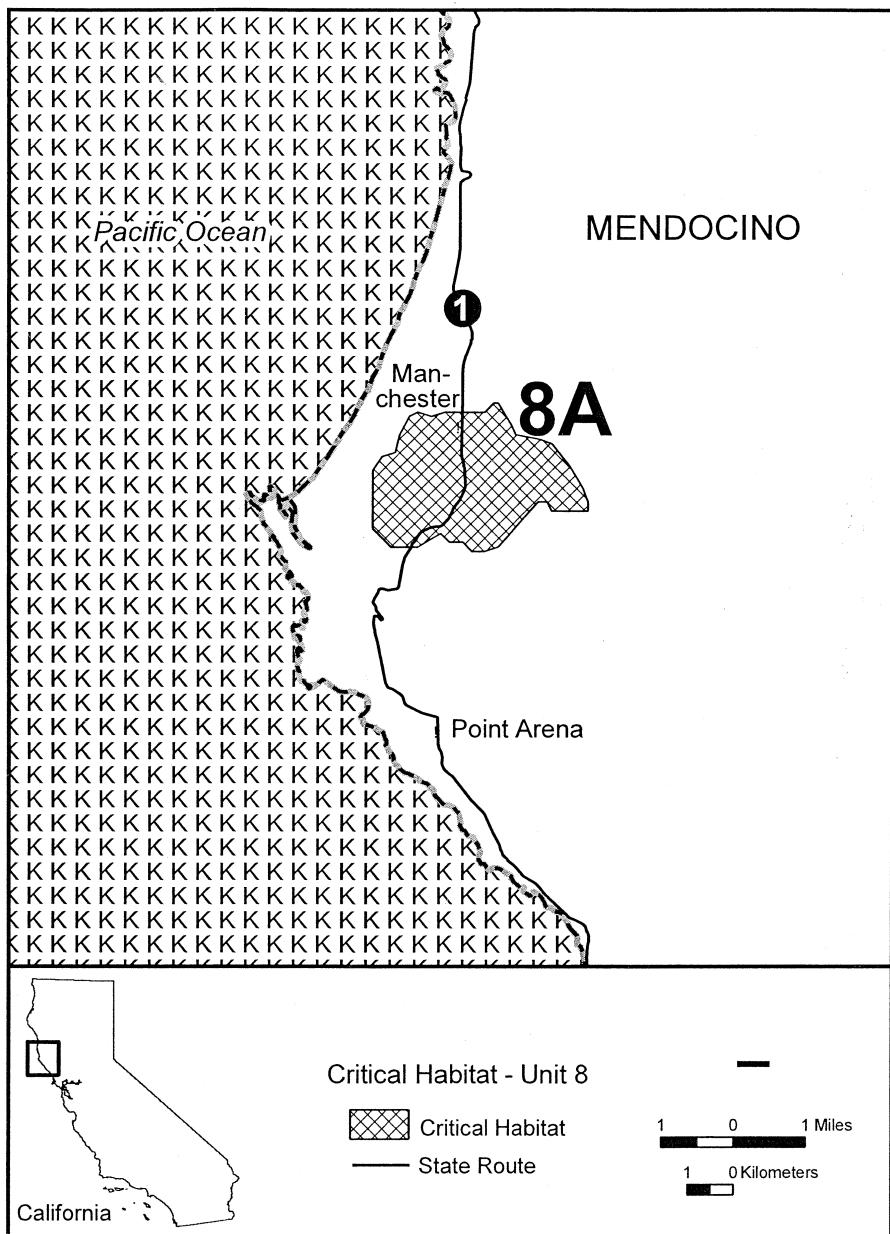




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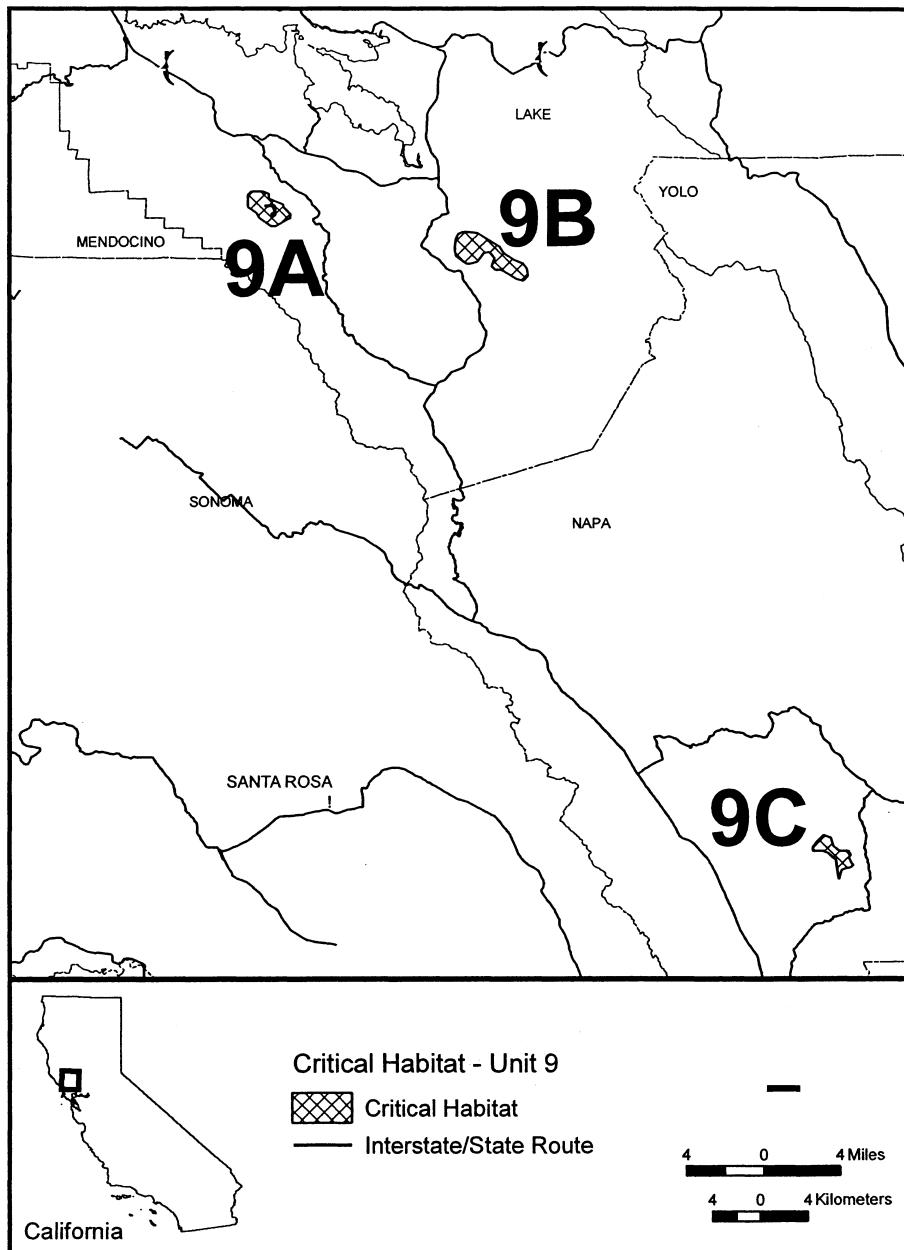
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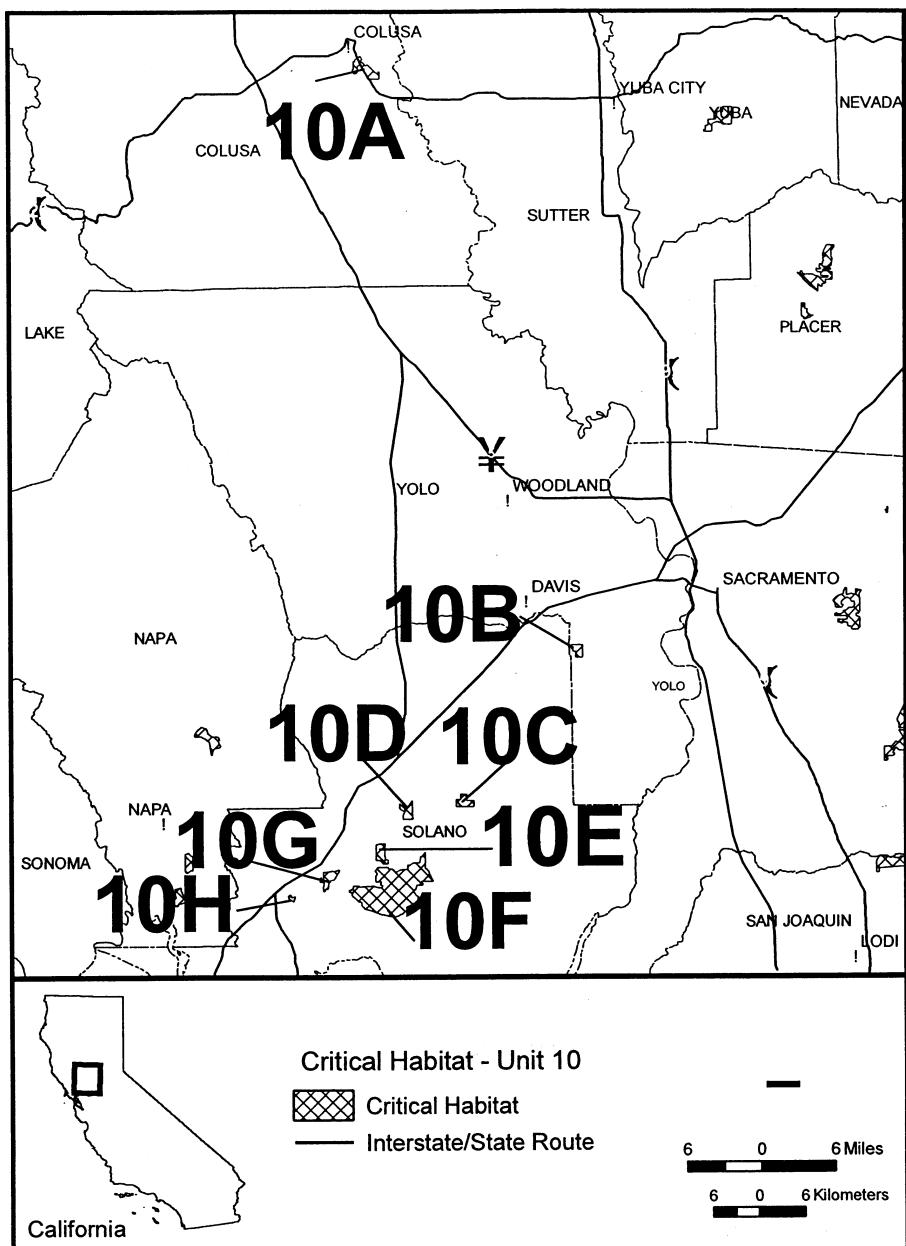




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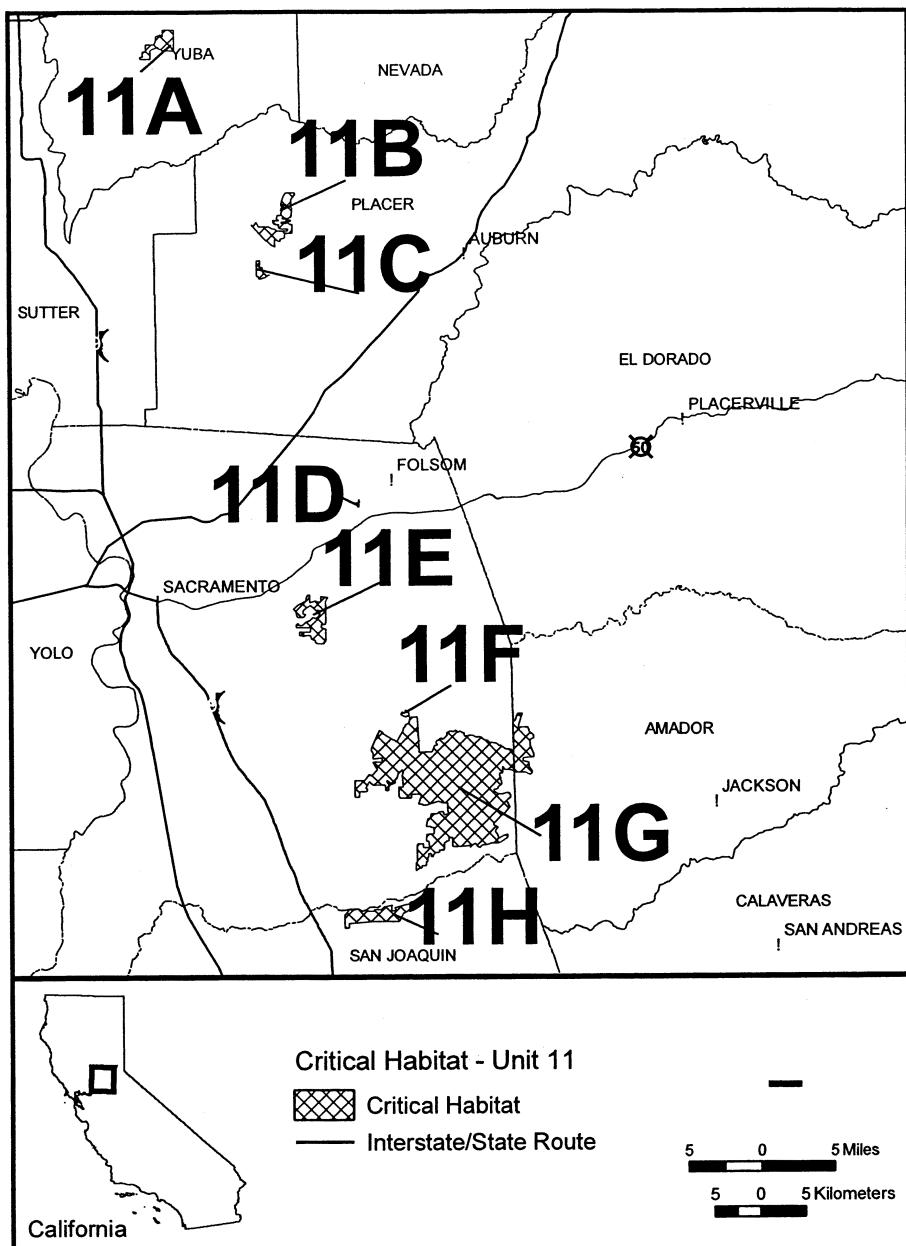
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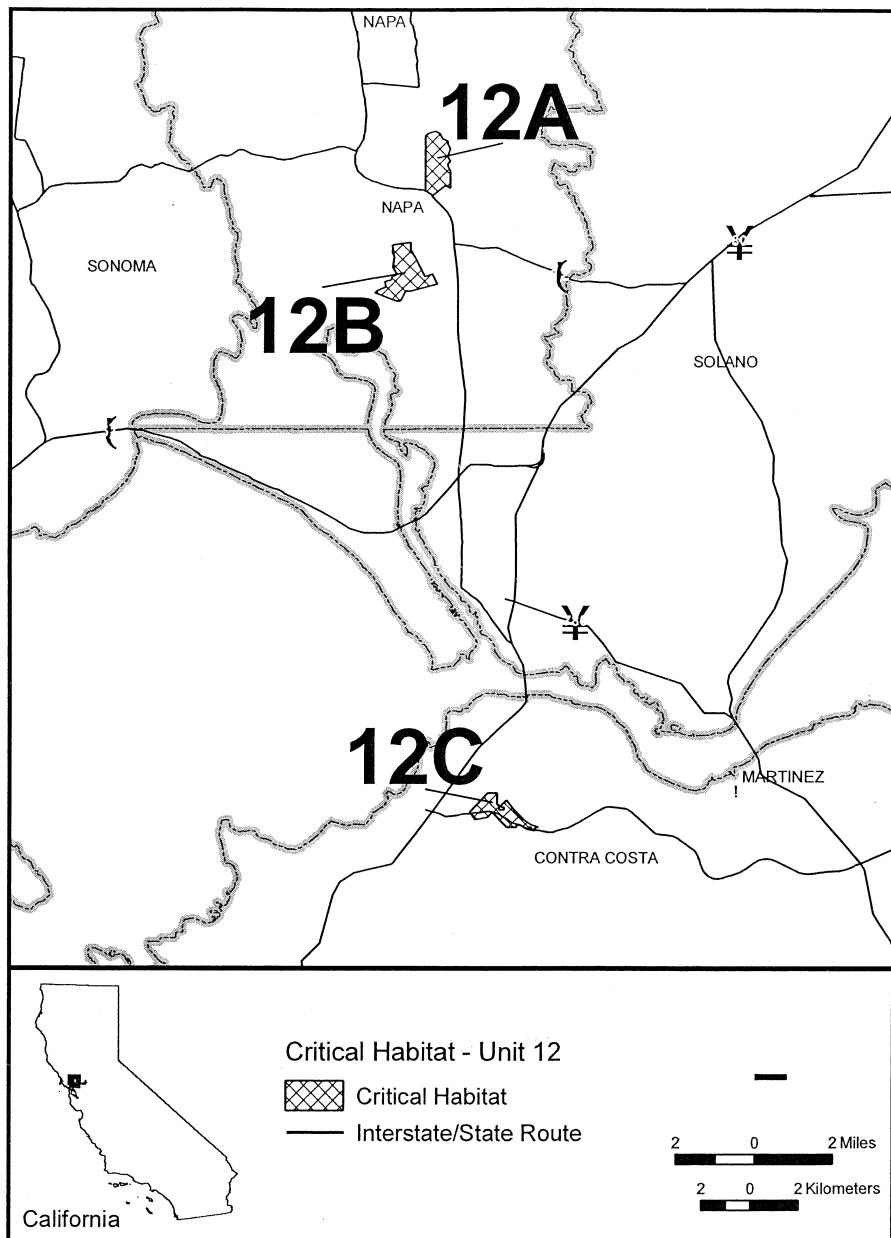


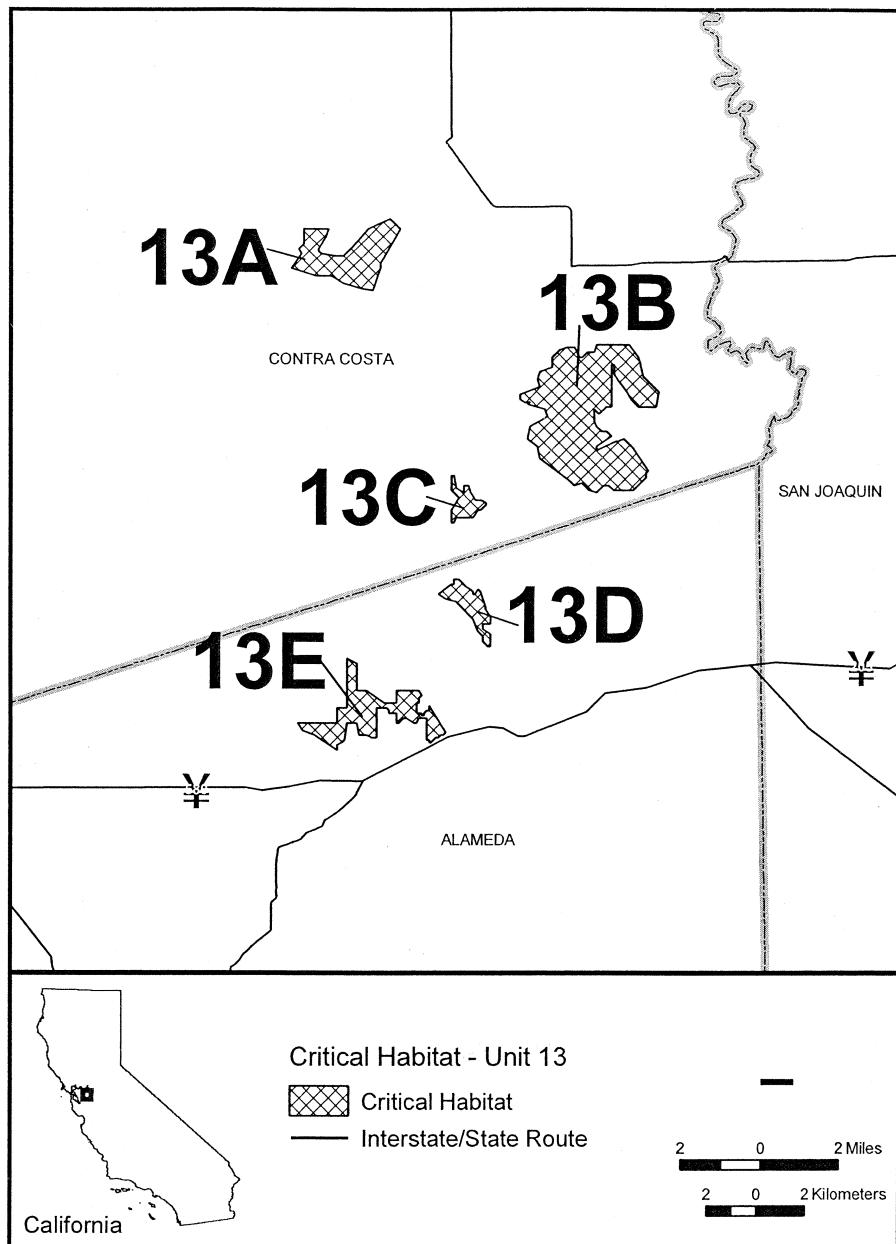


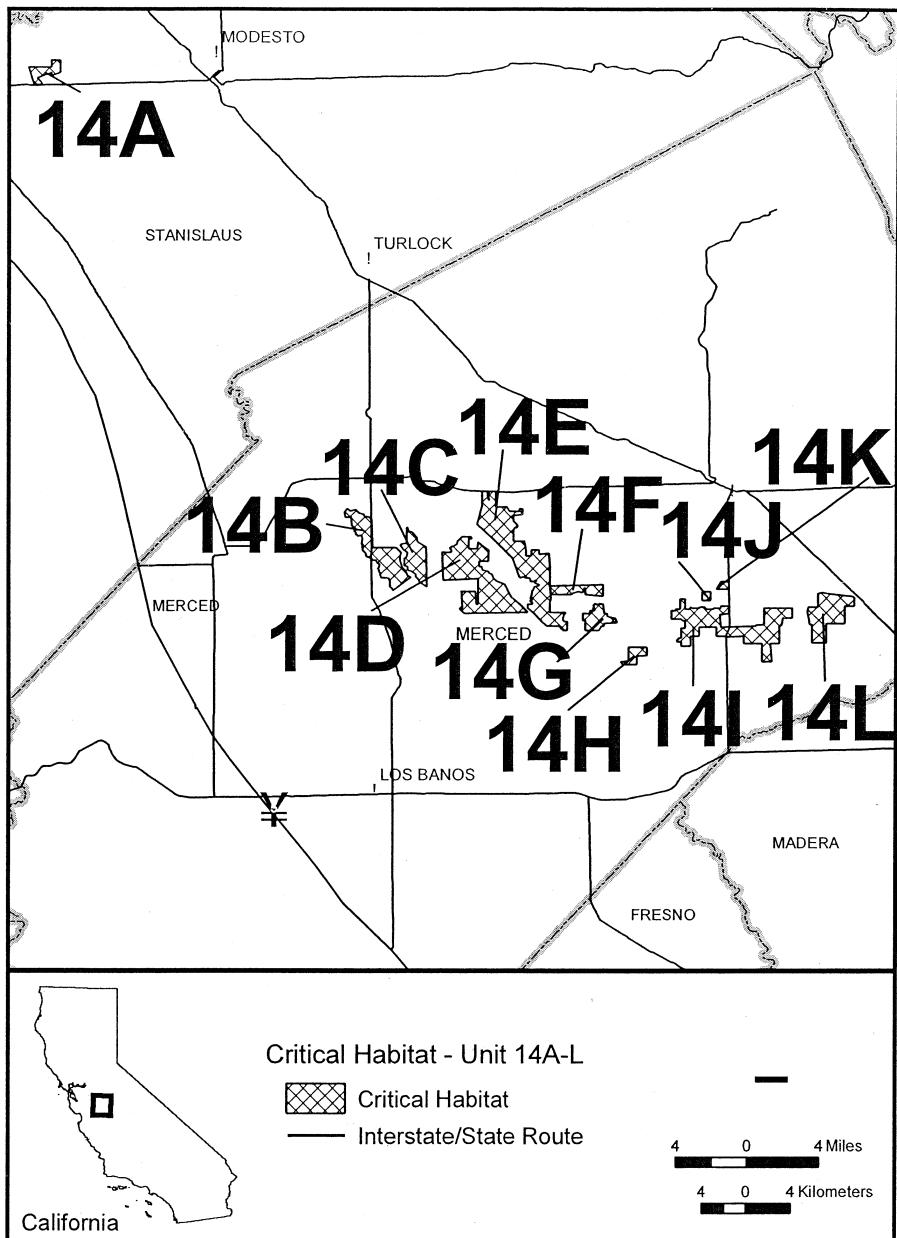
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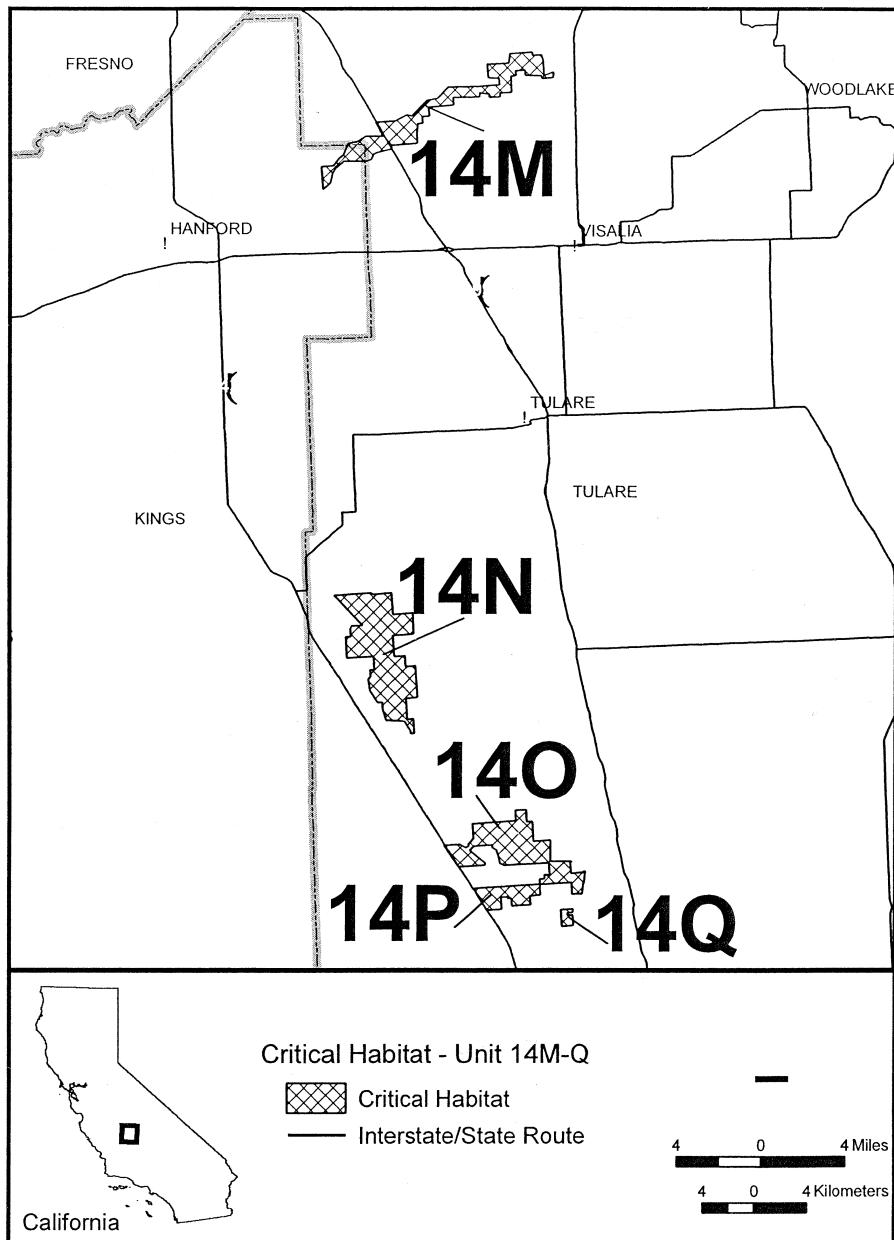


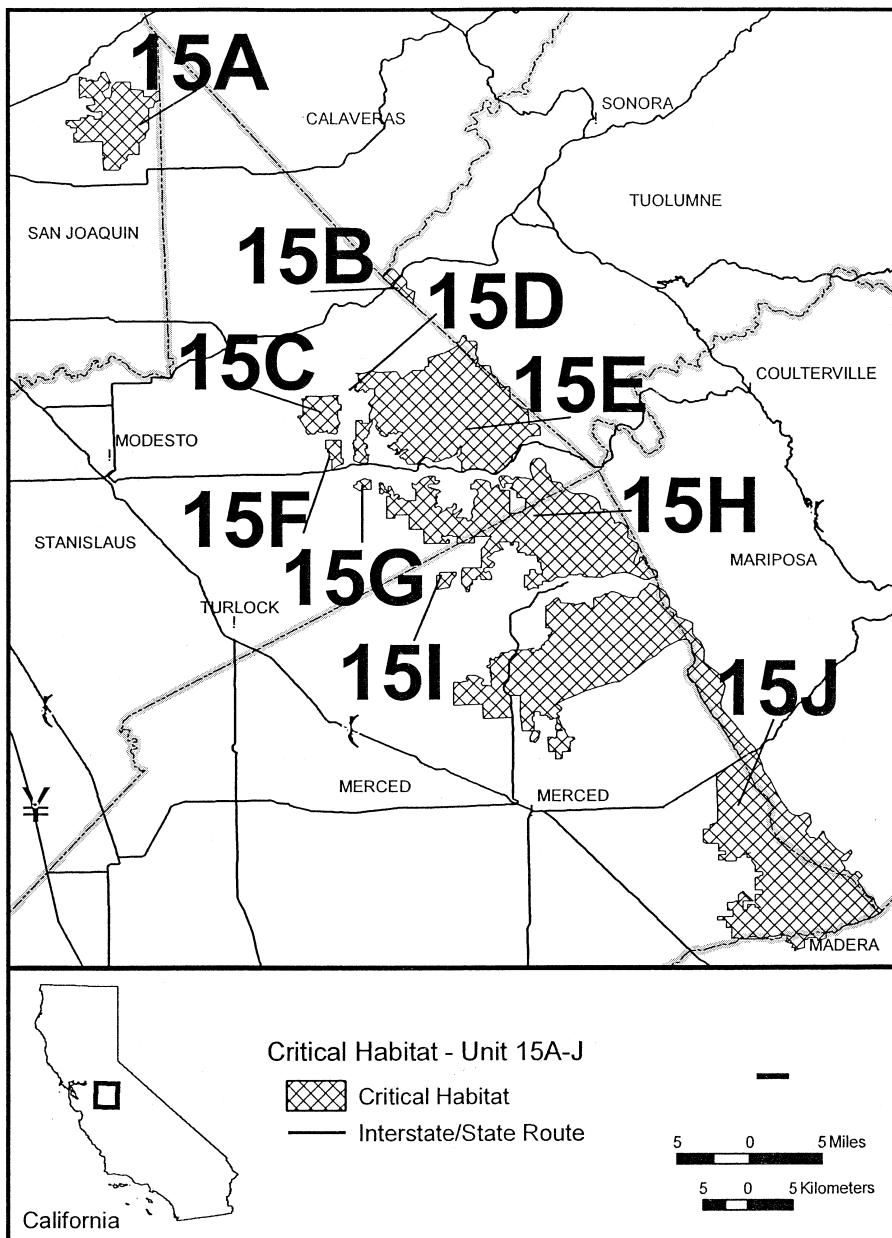




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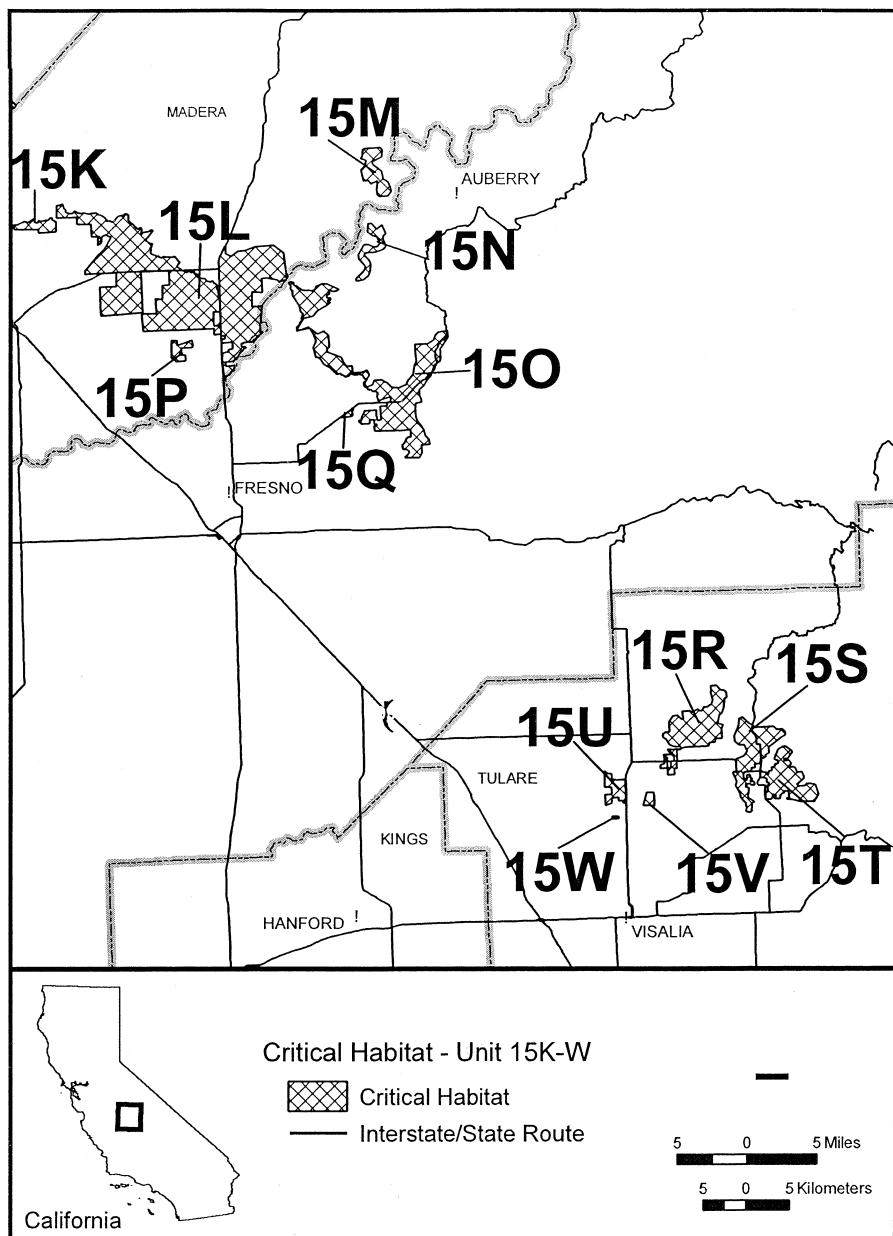
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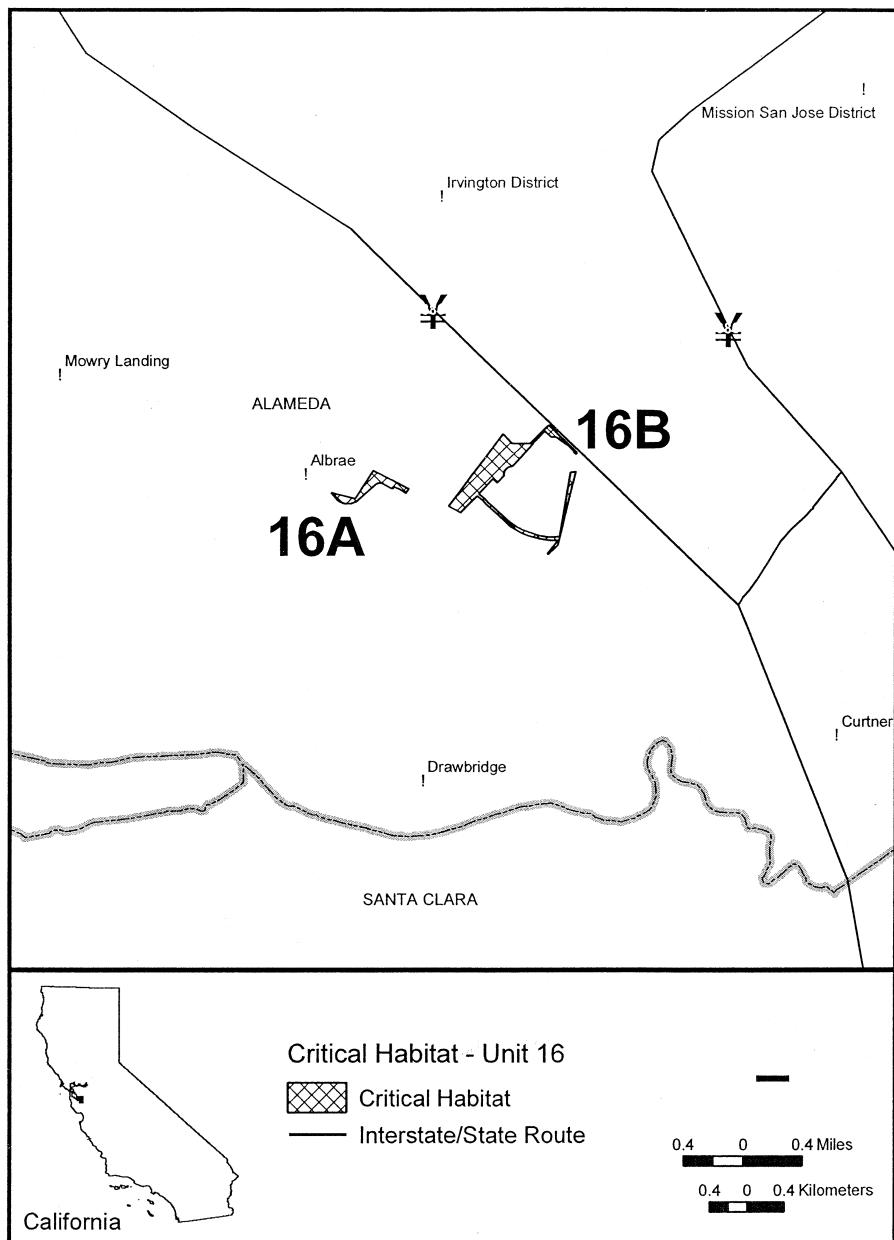




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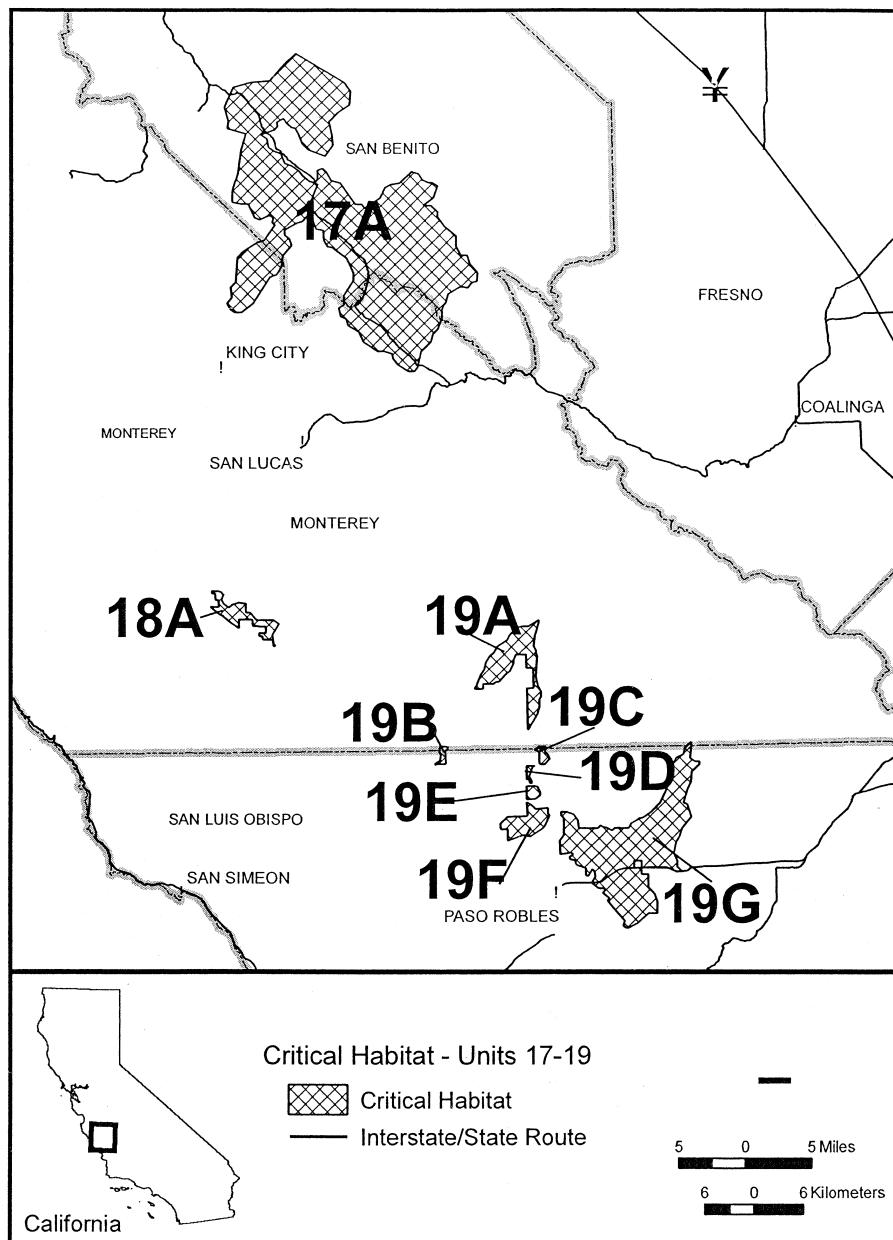
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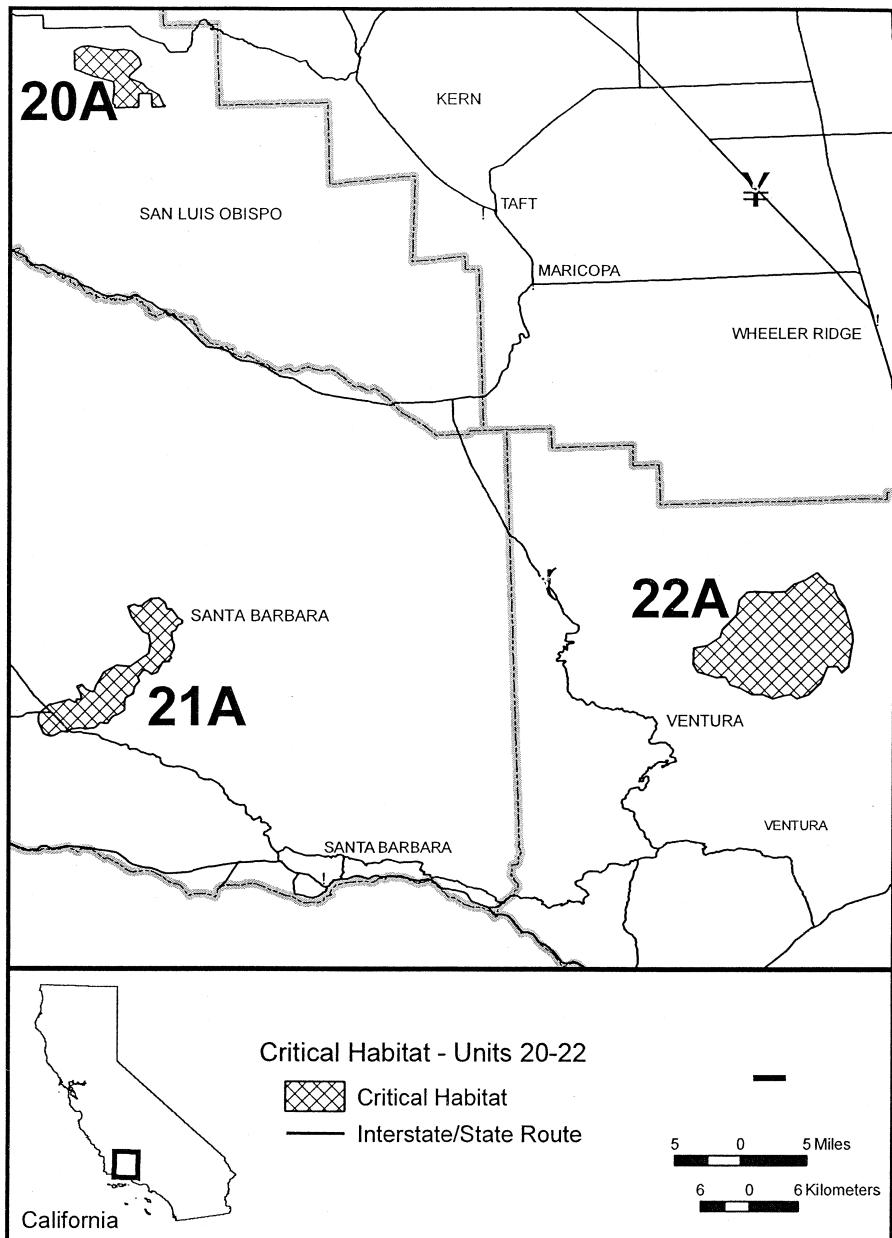




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(e) Critical habitat for Conservancy fairy shrimp (*Branchinecta conservatio*), longhorn fairy shrimp (*Branchinecta longiantenna*), vernal pool fairy shrimp (*Branchinecta lynchi*), vernal pool tadpole shrimp (*Lepidurus packardi*), *Limnanthes floccosa* ssp. *californica* (Butte County meadowfoam), *Lasthenia*

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*conjugens* (Contra Costa goldfields), *Chamaesyce hooveri* (Hoover's spurge), *Castilleja campestris* ssp. *succulenta* (fleshy (or succulent) owl's-clover), *Neostapfia colusana* (Colusa grass), *Tuctoria greenei* (Greene's tuctoria), *Orcuttia pilosa* (hairy Orcutt grass), *Orcuttia viscosa* (Sacramento Orcutt grass), *Orcuttia inaequalis* (San Joaquin Valley Orcutt grass), *Orcuttia tenuis* (slender Orcutt grass), and *Tuctoria mucronata* (Solano grass), consists of the following areas:

(1) Subunit 1A; Jackson County, Oregon. From USGS 1:24,000 scale quadrangle Shady Cove. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 514395, 4710603; 514395, 4710103; 514195, 4710103; 514195, 4709703; 513995, 4709703; 513995, 4709503; 513695, 4709503; 513695, 4709603; 513595, 4709603; 513595, 4709803; 513795, 4709803; 513795, 4710103; 513295, 4710103; 513295, 4710403; 518195, 4710403; 518195, 4710603; returning to 514395, 4710603.

(2) Subunit 1B; Jackson County, Oregon. From USGS 1:24,000 scale quadrangle Shady Cove. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 514195, 4707303; 514195, 4707103; 514095, 4707103; 514095, 4707003; 513995, 4707003; 513995, 4706803; 513695, 4706803; 513695, 4707103; 513795, 4707103; 513895, 4707203; 513895, 4707303; 513495, 4707303; 513495, 4707803; 514795, 4707803; 514795, 4707503; 514695, 4707503; 514695, 4707403; 514295, 4707403; 514295, 4707303; returning to 514195, 4707303.

(3) Subunit 1C; Jackson County, Oregon. From USGS 1:24,000 scale quadrangle Shady Cove. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 511895, 4707603; 511895, 4707103; 511995, 4707103; 511995, 4706603; 512095, 4706603; 512095, 4706403; 511895, 4706403; 511895, 4706503; 511395, 4706603; 511295, 4706603; 511295, 4706703; 511195, 4706703; 511095, 4706803; 511095, 4707003; 511195, 4707003; 511195, 4707103; 511295, 4707203; 511195, 4707203; 511195, 4707303; 511295, 4707303; 511295, 4707403; 511495, 4707403; 511495, 4707503; 511695, 4707503; 511695, 4707603; returning to 511895, 4707603.

(4) Subunit 1D; Jackson County, Oregon. From USGS 1:24,000 scale quadrangle Eagle Point and Shady Cove.

Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 515995, 4706503; 515995, 4706303; 516095, 4706303; 516095, 4706203; 516195, 4706403; 516095, 4706403; 516095, 4706503; 515995, 4706503; 515995, 4706803; 516295, 4706803; 516295, 4706703; 516395, 4706703; 516395, 4706503; 516495, 4706603; 516595, 4706603; 516595, 4706803; 516795, 4706803; 516795, 4706703; 516995, 4706703; 516995, 4706803; 517095, 4706803; 517095, 4706903; 517195, 4706903; 517195, 4706703; 517495, 4706703; 517495, 4706503; 517395, 4706503; 517395, 4706303; 517295, 4706303; 517295, 4706203; 517195, 4706103; 516795, 4706103; 516795, 4705403; 516595, 4705403; 516595, 4705303; 516695, 4705303; 516695, 4705203; 516795, 4705203; 516795, 4704603; 516695, 4704603; 516695, 4704403; 516395, 4704403; 516395, 4704303; 516495, 4704303; 516495, 4704203; 516595, 4704203; 515895, 4704103; 515895, 4704403; 516095, 4704503; 515595, 4704503; 515595, 4704603; 515495, 4704603; 515495, 4704903; 515595, 4705003; 515795, 4705003; 515795, 4705103; 515895, 4705103; 515895, 4705703; 515795, 4705703; 515795, 4706003; 515695, 4706003; 515695, 4706203; 515595, 4706203; 515195, 4706303; 515195, 4706503; 515095, 4706503; 515095, 4706703; 514795, 4706703; 514695, 4706803; 514695, 4707003; 514795, 4707103; 515095, 4707103; 515095, 4707003; 515195, 4706903; 515295, 4706903; 515295, 4706803; 515395, 4706803; 515395, 4706603; 515495, 4706603; 515495, 4706503; 515595, 4706503; 515595, 4706403; 515695, 4706403; 515695, 4706503; returning to 515995, 4706503.

(5) Subunit 1E; Jackson County, Oregon. From USGS 1:24,000 scale quadrangle Boswell Mountain and Shady Cove. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 510895, 4706903; 510895, 4706703; 511095, 4706703; 511095, 4706303; 510795, 4706103; 510595, 4706103; 510595, 4705803; 510495, 4705803; 510495, 4705903; 510395, 4705903; 510395, 4706103; 510195, 4706103; 510195, 4706203; 510095, 4706203; 510095, 4706303; 509895, 4706303; 509895, 4706503; 510095, 4706503; 510095, 4706703; 510195, 4706703; 510195, 4706803; 510295, 4706803; 510295, 4706803; 510595, 4706803; 510695, 4706803; 510695, 4706903; returning to 510895, 4706903.

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(6) Subunit 1F; Jackson County, Oregon. From USGS 1:24,000 scale quadrangle Eagle Point and Shady Cove. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 511395, 4705803; 511395, 4705703; 511595, 4705703; 511595, 4704903; 511495, 4704903; 511495, 4704603; 511295, 4704603; 511295, 4704803; 511095, 4704803; 511095, 4705003; 510995, 4705003; 510995, 4705103; 510895, 4705103; 510895, 4705703; 511095, 4705703; 511095, 4705803; 511395, 4705803; and excluding land bound by 511295, 4705303; 511295, 4705103; 511395, 4705103; 511395, 4705303; returning to 511295, 4705303.

(7) Subunit 1G; Jackson County, Oregon. From USGS 1:24,000 scale quadrangle Eagle Point. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 517695, 4704903; 517695, 4704803; 517895, 4704803; 517895, 4704703; 517995, 4704703; 517995, 4704603; 519195, 4704603; 519195, 4704503; 519395, 4704503; 519395, 4704403; 519495, 4704403; 519495, 4704103; 519195, 4704003; 518695, 4704003; 518695, 4703903; 517995, 4703903; 517995, 4704003; 517795, 4703803; 517295, 4703803; 517295, 4703903; 517195, 4703903; 517195, 4704103; 517095, 4704103; 517095, 4704503; 516995, 4704503; 516995, 4704703; 517095, 4704703; 517095, 4704803; 517195, 4704803; 517195, 4704903; returning to 517695, 4704903.

(8) Subunit 2A; Jackson County, Oregon. From USGS 1:24,000 scale quadrangle Eagle Point. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 514295, 4699003; 514295, 4698603; 514395, 4698603; 514395, 4698703; 514495, 4698703; 514495, 4698803; 514495, 4698703; 515195, 4698903; 515295, 4698903; 515595, 4698803; 515595, 4698603; 515695, 4698603; 515695, 4698803; 515795, 4698803; 515795, 4698703; 515895, 4698703; 515895, 4698303; 515595, 4698303; 515595, 4698503; 515495, 4698503; 515495, 4698403; 515395, 4698403; 515395, 4698303; 515195, 4698303; 515195, 4698403; 514995, 4698303; 514495, 4698303; 514495, 4698403; 514395, 4698403; 514395, 4698203; 513495, 4698203; 513495, 4698303; 513395, 4698303; 513395, 4698403; 513495, 4698503; 513595, 4698503; 513595, 4698603; 513795, 4698603; 513795, 4698803; 513895, 4698803; 513895, 4698903; 513995, 4698903; 513995, 4699003; returning to 514295, 4699003.

(9) Subunit 2B; Jackson County, Oregon. From USGS 1:24,000 scale quadrangle Brownsboro and Eagle Point. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 517395, 4698203; 517395, 4698103; 517595, 4698103; 517595, 4698003; 517695, 4698103; 517995, 4698103; 517995, 4697603; 518595, 4697603; 518595, 4697503; 518695, 4697503; 518695, 4697403; 518895, 4697403; 518895, 4697503; 519195, 4697403; 519395, 4697403; 519395, 4697303; 519495, 4697303; 519495, 4697203; 519595, 4697203; 519595, 4697103; 519795, 4697103; 519795, 4697003; 519895, 4697003; 519895, 4696903; 520095, 4696903; 520095, 4696603; 519995, 4696603; 519995, 4696503; 520495, 4696503; 520495, 4696403; 520595, 4696403; 520495, 4695903; 520595, 4695903; 520595, 4696003; 520695, 4695903; 520795, 4695903; 520795, 4695703; 520695, 4695703; 520695, 4695603; 520595, 4695603; 520595, 4695303; 520795, 4695303; 520795, 4695203; 520895, 4695203; 520895, 4694203; 520795, 4694203; 520795, 4694303; 520595, 4694403; 520495, 4694403; 520495, 4694503; 520395, 4694503; 520395, 4694603; 519995, 4694603; 519995, 4694703; 519595, 4694703; 519595, 4695003; 519495, 4695003; 519495, 4695403; 519395, 4695403; 519395, 4695603; 519295, 4695603; 519295, 4695703; 519195, 4695703; 519195, 4695803; 519095, 4695803; 519095, 4696003; 519395, 4696103; 519195, 4696103; 519195, 4696203; 518995, 4696203; 518995, 4696303; 518895, 4696303; 518895, 4696203; 518695, 4696203; 518695, 4696503; 518595, 4696503; 518495, 4696703; 518395, 4696703; 518395, 4696803; 518295, 4696803; 518295, 4696903; 518195, 4696903; 518195, 4697003; 517695, 4697003; 517695, 4697103; 517395, 4697103; 517395, 4697203; 517195, 4697203; 517195, 4697403; 517095, 4697403; 517095, 4697603; 516995, 4697603; 516995, 4698203; returning to 517395, 4698203.

(10) Subunit 2C; Jackson County, Oregon. From USGS 1:24,000 scale quadrangle Eagle Point. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 516195, 4697603; 516195, 4697203; 515095, 4697203; 515095, 4697603; 515295, 4697603; 515295, 4697503; 515395, 4697503; 515395, 4697603; returning to 516195, 4697603.

(11) Subunit 2D; Jackson County, Oregon. From USGS 1:24,000 scale quadrangle Eagle Point. Land bounded by

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the following UTM Zone 10, NAD27 coordinates (E,N): 517095, 4697003; 517095, 4696903; 517295, 4696903; 517295, 4696803; 517395, 4696803; 517395, 4696703; 517495, 4696703; 517495, 4696403; 517295, 4696403; 516895, 4696403; 516395, 4696403; 516395, 4696303; 516295, 4696303; 516295, 4696003; 515995, 4696003; 515995, 4696703; 516195, 4696703; 516195, 4696703; 516195, 4696803; 516595, 4696803; 516595, 4696903; 516895, 4696903; 516895, 4697003; returning to 517095, 4697003.

(12) Subunit 2E; Jackson County, Oregon. From USGS 1:24,000 scale quadrangle Eagle Point. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 515595, 4696403; 515595, 4696203; 515195, 4696203; 515195, 4696103; 515295, 4696103; 515295, 4695603; 515095, 4695603; 515095, 4695703; 514595, 4695703; 514595, 4695603; 514395, 4695703; 514295, 4695703; 514295, 4695803; 514195, 4695803; 514195, 4695703; 514095, 4695703; 514095, 4695603; 513995, 4695603; 513995, 4695703; 513895, 4696403; 513595, 4696403; 513595, 4696603; 515695, 4696603; 515695, 4696403; 515595, 4696403; and excluding land bound by 514595, 4696303; 514595, 4696203; 514395, 4696203; 514395, 4696303; 514295, 4696203; 514195, 4696203; 514195, 4696103; 514795, 4696103; 514795, 4696303; returning to 514595, 4696303.

(13) Subunit 3A; Jackson County, Oregon. From USGS 1:24,000 scale quadrangle Eagle Point. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 511695, 4698703; 511695, 4698803; 511495, 4698803; 511495, 4698903; 511195, 4698903; 511195, 4699003; 510795, 4699003; 510795, 4699103; 510695, 4699103; 510695, 4699303; 510995, 4699303; 510995, 4699403; 511295, 4699403; 511295, 4699503; 511395, 4699503; 511395, 4699703; 511495, 4699703; 511495, 4699803; 511595, 4699803; 511595, 4699703; 511695, 4699703; 511695, 4699603; 511795, 4699603; 511795, 4699703; 511995, 4699703; 511995, 4698703; returning to 511695, 4698703.

(14) Subunit 3B; Jackson County, Oregon. From USGS 1:24,000 scale quadrangle Eagle Point and Sams Valley. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 511695, 4698703; 511695, 4698403; 511395, 4698403; 511295, 4698503; 511295, 4698403; 511095, 4698403; 510795, 4698303; 510795, 4698303; 510595, 4698403; 510595, 4698303; 509695,

4698303; 509695, 4697903; 509495, 4697903; 509495, 4697803; 509295, 4697803; 509295, 4697603; 509395, 4697603; 509395, 4697403; 509495, 4697403; 509495, 4697003; 509595, 4697003; 509595, 4696803; 511795, 4696803; 511795, 4696803; 511995, 4696803; 511995, 4696203; 510895, 4696203; 510895, 4696103; 510695, 4696103; 510695, 4696203; 510395, 4696303; 509795, 4696303; 509795, 4696403; 509695, 4696403; 509695, 4696303; 508995, 4696303; 508995, 4696403; 508695, 4696403; 508495, 4696503; 508495, 4696603; 508395, 4696603; 508395, 4696703; 508295, 4696703; 508195, 4696803; 508095, 4696903; 508095, 4696903; 508095, 4697103; 508195, 4697103; 508195, 4697403; 508495, 4697403; 508495, 4697503; 508695, 4697503; 508695, 4697603; 508595, 4697603; 508595, 4697803; 508495, 4697803; 508495, 4698203; 508595, 4698203; 508595, 4698303; 508895, 4698303; 508895, 4698403; 508995, 4698403; 508995, 4698103; 509095, 4698103; 509095, 4698203; 509195, 4698203; 509195, 4698403; 509295, 4698503; 509595, 4698503; 509595, 4698703; 509895, 4698703; 509895, 4698803; 510195, 4698803; 510195, 4698903; 511095, 4698903; 511095, 4698803; 511395, 4698803; 511395, 4698703; 511695, 4698703; and excluding land bound by 508895, 4697603; 508895, 4697503; 509195, 4697503; 509195, 4697603; returning to 508895, 4697603; and excluding land bound by 508595, 4697103; 508595, 4696903; 508695, 4696903; 508695, 4697103; returning to 508595, 4697103.

(15) Subunit 3C; Jackson County, Oregon. From USGS 1:24,000 scale quadrangle Sams Valley. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 506895, 4697403; 506895, 4697303; 506995, 4697303; 506995, 4697103; 506895, 4697103; 506895, 4697003; 506795, 4697003; 506795, 4696503; 507095, 4696803; 506995, 4696803; 506995, 4697003; 507095, 4697003; 507095, 4697203; 507195, 4697203; 507195, 4697303; 507295, 4697303; 507295, 4697203; 507395, 4697103; 507495, 4697103; 507495, 4696903; 507595, 4696903; 507595, 4696803; 507695, 4696803; 507695, 4696703; 507795, 4696703; 507795, 4696503; 507995, 4695803; 508395, 4695803; 508395, 4694803; 507895, 4694803; 507895, 4695003; 507495, 4695003; 507495, 4695203; 506995, 4695203; 506995, 4695603; 506895, 4695603; 506895, 4695703; 506495, 4695703; 506495, 4695803; 505695, 4695603; 505695, 4695803; 505895, 4695803; 505895, 4696503; 506295,

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4696503; 506295, 4696603; 506195, 4696603; 506195, 4697103; 506295, 4697103; 506295, 4697403; returning to 506895, 4697403.

(16) Subunit 4A; Jackson County, Oregon. From USGS 1:24,000 scale quadrangle Sams Valley. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 507295, 4703303; 507295, 4703203; 507395, 4703203; 507395, 4703103; 507895, 4703103; 507895, 4703003; 507995, 4703003; 507995, 4702903; 508095, 4702903; 508095, 4702803; 508195, 4702803; 508195, 4702703; 508295, 4702603; 508395, 4702603; 508395, 4702503; 508495, 4702503; 508495, 4702103; 508695, 4702103; 508695, 4701703; 508895, 4701703; 508795, 4701303; 508795, 4701203; 508695, 4701203; 508695, 4701303; 508495, 4701303; 508395, 4701303; 508395, 4701703; 508295, 4701803; 508195, 4701803; 508195, 4701903; 508095, 4701903; 508095, 4702003; 507995, 4702003; 507895, 4702103; 507795, 4702203; 507795, 4702303; 507695, 4702303; 507695, 4702203; 507595, 4702203; 507595, 4702103; 507395, 4702103; 507395, 4702003; 507495, 4701903; 507695, 4701903; 507695, 4701803; 507795, 4701803; 507795, 4701603; 507895, 4701603; 507995, 4701603; 507995, 4701203; 507795, 4701203; 507795, 4701303; 507695, 4701303; 507695, 4701403; 507395, 4701403; 507395, 4701503; 507195, 4701503; 507195, 4701603; 507095, 4701703; 506995, 4701703; 506995, 4701803; 506895, 4701803; 506895, 4702003; 506795, 4702003; 506795, 4702203; 506695, 4702203; 506595, 4702303; 506595, 4702503; 506695, 4702503; 506695, 4702703; 506795, 4702703; 506895, 4702903; 506895, 4703203; 507095, 4703203; 507095, 4703303; returning to 507295, 4703303.

(17) Subunit 4B; Jackson County, Oregon. From USGS 1:24,000 scale quadrangle Sams Valley. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 503895, 4700703; 503895, 4700603; 503995, 4700603; 503995, 4700503; 504095, 4700503; 504095, 4700403; 504395, 4700403; 504495, 4700303; 504495, 4699303; 504295, 4699303; 504295, 4699003; 504195, 4699003; 504195, 4698903; 504095, 4698903; 504095, 4698703; 503895, 4698703; 503895, 4698803; 503795, 4698803; 503795, 4699203; 503895, 4699203; 503895, 4699603; 503795, 4699603; 503795, 4700703; returning to 503895, 4700703.

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(18) Subunit 5A; Siskiyou County, California. From USGS 1:24,000 scale quadrangle Timbered Crater. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 627995, 4565802; 628095, 4565602; 628295, 4565402; 628395, 4565002; 628095, 4564802; 627995, 4564502; 628095, 4564202; 627995, 4564002; 627995, 4563802; 627995, 4563602; 628195, 4563502; 628295, 4563402; 628195, 4563102; 628295, 4563002; 628295, 4562802; 628395, 4562702; 628695, 4562602; 628695, 4562402; 628795, 4562302; 628995, 4562102; 628995, 4561802; 628795, 4561702; 628595, 4561602; 628495, 4561602; 628195, 4561502; 628095, 4561402; 627995, 4561302; 627895, 4561202; 627695, 4561202; 627625, 4561132; 626095, 4561402; 626095, 4562002; 626295, 4562702; 625906, 4563713; 626095, 4563902; 626195, 4564102; 626295, 4564202; 626395, 4564402; 626495, 4564502; 626495, 4564702; 626595, 4564902; 626795, 4564902; 626795, 4565202; 626895, 4565402; 627095, 4565502; 627095, 4565802; 627195, 4565902; 627395, 4566002; 627595, 4566002; 627795, 4566002; 627895, 4565902; returning to 627995, 4565802.

(19) Subunit 5B; Modoc and Shasta County, California. From USGS 1:24,000 scale quadrangle Day, Timbered Crater. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 633974, 4560278; 634095, 4560602; 634595, 4561102; 634695, 4560702; 635095, 4560502; 635195, 4560802; 635795, 4560802; 636091, 4560901; 636747, 4560348; 637395, 4559802; 637495, 4559102; 637395, 4558702; 636995, 4558502; 636795, 4558102; 636195, 4557802; 634995, 4557702; 634195, 4558102; 633995, 4558802; 633795, 4559802; returning to 633974, 4560278.

(20) Subunit 5C; Shasta County, California. From USGS 1:24,000 scale quadrangle Dana, Burney Falls. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 616995, 4548802; 616895, 4548802; 615995, 4549302; 615795, 4549602; 615695, 4549702; 615695, 4549802; 615595, 4549902; 615495, 4550002; 615395, 4550202; 615395, 4550402; 615695, 4550502; 615995, 4550502; 616295, 4550302; 616495, 4550102; 616795, 4549902; 616895, 4549602; 617095, 4549202; 617195, 4548902; returning to 616995, 4548802.

(21) Subunit 5D; Shasta County, California. From USGS 1:24,000 scale quadrangle Burney. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 613095, 4536303; 613095,

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4536003; 612895, 4535803; 612795, 4535803; 612695, 4535903; 612695, 4536003; 612595, 4536103; 612595, 4536303; 612395, 4536303; 612395, 4536503; 612395, 4536903; 612595, 4537203; 612595, 4537403; 612695, 4537503; 612795, 4537503; 612995, 4537603; 613095, 4537703; 613095, 4537903; 612995, 4538103; 612995, 4538303; 613095, 4538403; 613195, 4538603; 613495, 4538703; 613695, 4538803; 613795, 4538903; 613895, 4538903; 613995, 4538903; 614095, 4538803; 614195, 4538703; 614295, 4538603; 614495, 4538503; 614495, 4538403; 614395, 4538303; 614195, 4538203; 614095, 4538203; 613895, 4538103; 613695, 4537903; 613495, 4537703; 613495, 4537503; 613495, 4537303; 613295, 4537203; 613295, 4536903; 613195, 4536603; returning to 613095, 4536303.

(22) Subunit 5E; Shasta County, California. From USGS 1:24,000 scale quadrangle Burney. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 609795, 4535803; 610395, 4535303; 610595, 4534803; 610695, 4534403; 610595, 4533503; 610895, 4532503; 611095, 4532303; 611095, 4532203; 611195, 4531903; 611395, 4531703; 611595, 4531403; 611595, 4531203; 611695, 4531003; 611895, 4530903; 612095, 4530803; 612295, 4530603; 612295, 4530303; 612195, 4529903; 611995, 4529703; 611795, 4529703; 611595, 4529703; 611095, 4529703; 610595, 4530003; 610495, 4530103; 610295, 4530203; 610295, 4530403; 610395, 4530703; 610695, 4530903; 610595, 4531203; 610295, 4531403; 610295, 4531603; 610195, 4532003; 610195, 4532403; 610095, 4532603; 610095, 4532803; 609995, 4533003; 609995, 4533303; 609795, 4533703; 609695, 4533903; 609695, 4534103; 609695, 4534403; 609695, 4534603; 609695, 4535003; 609595, 4535103; 609395, 4535203; 609195, 4535303; 608895, 4535403; 608695, 4535403; 608395, 4535503; 608295, 4535603; 608095, 4535603; 608195, 4535803; returning to 609795, 4535803.

(23) Subunit 5F; Shasta County, California. From USGS 1:24,000 scale quadrangle Merken Bench. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 632495, 4522703; 632095, 4521403; 631295, 4521403; 631195, 4521503; 630995, 4521403; 630595, 4521403; 630395, 4521103; 630195, 4521003; 629995, 4521003; 628995, 4522603; 629295, 4523303; 629695, 4523703; 631095, 4523903; 631895, 4523303; returning to 632495, 4522703.

(24) Subunit 5G; Shasta County, California. From USGS 1:24,000 scale quadrangle Murken Bench, Old Station. Land bounded by the following UTM

Zone 10, NAD27 coordinates (E,N): 636095, 4512903; 636095, 4512603; 636095, 4512203; 635695, 4511903; 635595, 4511503; 635595, 4511203; 635495, 4511003; 635195, 4510703; 634895, 4510603; 634695, 4511003; 634495, 4511203; 634695, 4512203; 634295, 4512603; 634395, 4512803; 634495, 4512703; 634895, 4512703; 635195, 4513003; 635895, 4513003; returning to 636095, 4512903.

(25) Subunit 5H; Lassen County, California. From USGS 1:24,000 scale quadrangle Poison Lake, Swains Hole. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 651595, 4507403; 651895, 4506303; 652295, 4505503; 651795, 4504703; 651595, 4504903; 650895, 4504203; 650395, 4504503; 649595, 4504703; 648895, 4504403; 648995, 4503603; 648795, 4503403; 648195, 4503803; 647495, 4505203; 647895, 4505703; 647595, 4506403; 647795, 4507003; 648895, 4507403; 649595, 4507203; 650395, 4507403; 651295, 4507503; returning to 651595, 4507403.

(26) Subunit 5I; Lassen and Shasta County, California. From USGS 1:24,000 scale quadrangle Swains Hole. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 641929, 4502903; 642195, 4502903; 642195, 4503003; 642595, 4503103; 642795, 4503103; 643095, 4503203; 643295, 4503303; 643495, 4503403; 644095, 4503303; 644195, 4503303; 644295, 4503203; 644495, 4503103; 645095, 4503203; 645295, 4503003; 645295, 4502703; 645595, 4502003; 645595, 4501503; 645395, 4501103; 645395, 4500403; 645295, 4500003; 644895, 4499903; 644395, 4500103; 643595, 4500203; 642495, 4500603; 641957, 4501022; 641595, 4501303; 641295, 4502503; 641395, 4502703; 641695, 4502703; 641795, 4502903; returning to 641929, 4502903.

(27) Subunit 5J; Lassen County, California. From USGS 1:24,000 scale quadrangle Harvey Mtn., Poison Lake, Pine Creek Valley, Bogard Buttes. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 662895, 4502103; 661695, 4500903; 661395, 4499403; 660895, 4498603; 660795, 4498403; 660795, 4498003; 660895, 4497803; 661095, 4497803; 661195, 4497503; 659995, 4497703; 659395, 4497503; 657595, 4498803; 655595, 4500503; 655095, 4501003; 654995, 4501503; 655195, 4501403; 655695, 4501603; 656695, 4502403; 656795, 4502603; 657795, 4503003; 658795, 4503003; 660095, 4503403; 661395, 4504203; 662295, 4504803; 662995, 4504903; 663695, 4504503; 664295, 4504303; 664495, 4504103;

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664495, 4502903; 664195, 4502803; returning to 662895, 4502103.

(28) Subunit 5K; Shasta County, California. From USGS 1:24,000 scale quadrangle Old Station, West Prospect Peak. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 634695, 4495403; 634695, 4495203; 634895, 4495203; 635095, 4495003; 635095, 4494703; 635295, 4494603; 635295, 4494303; 635195, 4494203; 634895, 4493803; 635195, 4493304; 635095, 4493204; 635295, 4492904; 634995, 4492704; 634395, 4492704; 634195, 4493704; 634195, 4493904; 633695, 4494203; 632595, 4494903; 631995, 4495104; 631395, 4495004; 631095, 4494804; 630795, 4494304; 630595, 4493804; 630595, 4493204; 630495, 4493104; 630495, 4492504; 629995, 4492904; 629395, 449304; 629195, 4493504; 629395, 4494004; 629595, 4494504; 629495, 4494604; 629495, 4495004; 629795, 4495304; 630595, 4495504; 630595, 4496303; 631795, 4496903; 631795, 4497403; 631895, 4497803; 631995, 4498003; 632095, 4498203; 632195, 4498203; 632495, 4498203; 633995, 4497703; 634295, 4496603; 634295, 4496503; 634195, 4496403; 634195, 4496103; 634495, 4495903; 634495, 4495603; returning to 634695, 4495403.

(29) Subunit 5L; Plumas County, California. From USGS 1:24,000 scale quadrangle Almanor. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 654995, 4453204; 655395, 4452704; 655495, 4452404; 655495, 4451904; 655095, 4451904; 654995, 4452304; 654495, 4452504; 654195, 4452804; 653995, 4453004; 653795, 4453004; 653495, 4452804; 652695, 4452804; 652395, 4453304; 651995, 4453504; 651695, 4454204; 651695, 4454504; 652095, 4455204; 652495, 4455304; 652795, 4455504; 653295, 4455104; 653095, 4454904; 653095, 4454604; 653395, 4454204; 653595, 4453904; 653995, 4453704; 654595, 4453504; returning to 654995, 4453204.

(30) Subunit 6A; Shasta County, California. From USGS 1:24,000 scale quadrangle Enterprise. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 559296, 4490004; 559296, 4489804; 559496, 4489604; 559496, 4489104; 559296, 4488804; 558896, 4488704; 558596, 4488704; 558096, 4488804; 558096, 4489604; 558196, 4489604; 558396, 4489704; 558296, 4489904; 558096, 4489904; 558096, 4490304; 558096, 4490819; 558411, 4490625; 558419, 4490621; 558770, 4490407; 558813, 4490381; 558887, 4490336; 559083, 4490215; 559096,

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4490208; 559096, 4490204; returning to 559296, 4490004.

(31) Subunit 6B; Shasta County, California. From USGS 1:24,000 scale quadrangle Enterprise, Cottonwood. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 559096, 4486604; 559096, 4483804; 559396, 4483704; 559596, 4483704; 559896, 4483404; 560796, 4483404; 560996, 4483304; 560596, 4483304; 560596, 4482404; 560196, 4482304; 559996, 4482304; 559996, 4481804; 559496, 4481804; 558996, 4482204; 558996, 4482704; 558996, 4483404; 558396, 4483404; 558296, 4484304; 558096, 4484604; 558096, 4485104; 557896, 4485404; 557696, 4485704; 557396, 4485904; 557396, 4487204; 559096, 4487204; returning to 559096, 4486604.

(32) Subunit 6C; Shasta County, California. From USGS 1:24,000 scale quadrangles Balls Ferry, Cottonwood, Enterprise, and Palo Cedro. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 562596, 4487204; 562796, 4486904; 562996, 4487004; 563296, 4487004; 563396, 4486804; 563396, 4486504; 563896, 4486204; 564396, 4484504; 564396, 4484204; 564596, 4483904; 564596, 4483604; 564696, 4483504; 564696, 4483204; 564496, 4482904; 564196, 4482604; 564196, 4482404; 564396, 4482404; 564396, 4482204; 564396, 4482104; 564296, 4482004; 564196, 4481904; 564096, 4481904; 564296, 4481604; 564296, 4480704; 563696, 4480704; 563396, 4480804; 563196, 4480704; 562996, 4480704; 562596, 4481004; 562496, 4481304; 562496, 4481504; 562396, 4482204; 562096, 4482304; 561996, 4482604; 561896, 4483104; 561596, 4483504; 561096, 4483804; 560796, 4485204; 560796, 4486304; 560896, 4486504; 561096, 4486704; 561296, 4486804; 561396, 4487404; 561696, 4487704; 562096, 4487704; returning to 562596, 4487204.

(33) Subunit 6D; Shasta County, California. From USGS 1:24,000 scale quadrangle Palo Cedro, Balls Ferry. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 566996, 4477104; 566796, 4477104; 566196, 4478004; 565996, 4478704; 565596, 4479004; 565596, 4479104; 565696, 4479404; 565396, 4479504; 565396, 4479704; 565496, 4480004; 566196, 4480204; 566196, 4480504; 565796, 4480604; 565796, 4480804; 565796, 4481104; 565796, 4481504; 565596, 4482304; 565196, 4482404; 564996, 4482704; 564996, 4482904; 565096, 4483104; 565496, 4483604; 565796, 4484704; 566496, 4485204; 567496, 4484804; 568196,

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4483604; 568196, 4483104; 568496, 4482804; 568496, 4481904; 568296, 4481404; 567596, 4481104; 567596, 4480004; 567796, 4479204; 567796, 4478204; 567596, 4477604; returning to 566996, 4477104.

(34) Subunit 6E; Tehama County, California. From USGS 1:24,000 scale quadrangle Henleyville, Corning, West of Gerber, Gerber, Red Bluff West, Red Bluff East. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 563496, 4444304; 563496, 4444204; 563596, 4444204; 563796, 4444204; 563896, 4443604; 564296, 4443604; 564396, 4443404; 564296, 4443204; 564196, 4443004; 564096, 4443004; 564096, 564196, 4442804; 564196, 4442604; 564196, 4442504; 564196, 4442404; 564296, 4442404; 564396, 4442704; 564496, 4442904; 564496, 4443204; 564796, 4443204; 565296, 4443204; 565596, 4443104; 565896, 4442704; 566196, 4442704; 566296, 4442304; 566196, 4442204; 566196, 4441904; 565896, 4441704; 566096, 4441404; 566096, 4441304; 565496, 4441004; 565596, 4440804; 565496, 4440604; 565496, 4440004; 565496, 4438804; 566196, 4438804; 566196, 4439104; 566596, 4439704; 566496, 4440204; 566096, 4440404; 567596, 4441004; 567996, 4441004; 568769, 4440386; 568496, 4440204; 568396, 4439704; 568796, 4438904; 569596, 4439204; 569946, 4438554; 570290, 4437905; 569496, 4438004; 569096, 4438104; 568696, 4438204; 567896, 4438204; 567696, 4438204; 567496, 4438004; 567096, 4437904; 567096, 4437804; 566896, 4437504; 566896, 4437204; 566296, 4437204; 566296, 4438004; 565996, 4438204; 565496, 4437804; 564296, 4437804; 564296, 4437604; 563996, 4437604; 563696, 4437404; 563496, 4437204; 563496, 4436704; 563496, 4436404; 563296, 4436004; 563296, 4435604; 563596, 4435604; 563796, 4435904; 564296, 4436204; 564596, 4436304; 564796, 4436304; 564996, 4436004; 564896, 4435604; 565196, 4435604; 564496, 4435204; 564296, 4435004; 564196, 4434804; 563896, 4434704; 563696, 4434504; 563596, 4434304; 563496, 4434304; 563696, 4432904; 563696, 4432404; 563796, 4432404; 563596, 4431904; 564596, 4431773; 564596, 4431304; 565496, 4431304; 564196, 4431204; 567096, 4431104; 567096, 4430504; 566896, 4430304; 567496, 4430304; 567596, 4429404; 566896, 4429404; 566396, 4429404; 566196, 4429504; 566196, 4428904; 566096, 4429004; 565896, 4429104; 565596, 4429004; 565396, 4429004; 565196, 4428804; 564996, 4428804; 564396, 4428504; 564096, 4428504; 563796, 4428304; 563796, 4428004; 564196, 4428004; 564696, 4428004; 564696, 4427804; 566196, 4427704; 567396, 4427704; 566996, 4427004; 566196, 4426704; 566096, 4426504; 565596, 4426504; 565496, 4426404; 565392, 4426404; 565403, 4427187; 564375, 4427817; 564375, 4427959; 564039, 4427941; 563783, 4427939; 563691, 4427935; 563702, 4427185; 563784, 4427182; 563785, 4426344; 564036, 4426357; 564896, 4426380; 564896, 4426004; 564896, 4425704; 563796, 4425604; 562696, 4424904; 562396, 4424804; 562196, 4424804; 562096, 4424804; 561896, 4424704; 561796, 4424604; 561696, 4424604; 561596, 4424604; 561396, 4424604; 561296, 4424604; 560996, 4424704; 560796, 4424704; 560496, 4424804; 560196, 4424704; 559896, 4424604; 559896, 4424304; 559796, 4424204; 559496, 4424104; 559396, 4424204; 559296, 4424304; 559196, 4424304; 558996, 4424504; 558796, 4424604; 558396, 4424604; 557996, 4424604; 557796, 4424304; 557396, 4424104; 557096, 4424004; 556896, 4423904; 556696, 4423904; 556196, 4423804; 555996, 4423804; 555896, 4423604; 555596, 4423604; 555496, 4423604; 555396, 4423504; 555296, 4423404; 555196, 4423404; 555096, 4423404; 554696, 4424704; 555196, 4425404; 557296, 4426104; 557896, 4426604; 558396, 4426304; 559596, 4428104; 558296, 4428004; 557896, 4428304; 557496, 4429104; 558096, 4429704; 558696, 4429804; 558696, 4430904; 560096, 4431404; 559296, 4431704; 558396, 4431804; 557496, 4432004; 557496, 4432404; 558496, 4432904; 558496, 4433404; 557596, 4433604; 557396, 4434204; 555196, 4434604; 555196, 4435204; 557096, 4436004; 557996, 4438804; 557096, 4438804; 554696, 4438804; 553296, 4437404; 554596, 4437904; 555496, 4439504; 556596, 4439604; 556596, 4442404; 556596, 4442804; 557496, 4442704; 557096, 4442704; 556896, 4443204; 556896, 4443204; 556096, 4443304; 556096, 4443404; 561096, 4443504; 561796, 4443704; 562496, 4443804; 562596, 4443904; 562696, 4444304; 562996, 4444304; returning to 563496, 4444304.

(35) Subunit 6F; Glenn and Tehama Counties, California. From USGS 1:24,000 scale quadrangle Black Butte Dam and Kirkwood. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 563310, 4405483; 563296, 4405505; 562896, 4405605; 561496, 4406005;

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560996, 4406005; 560696, 4406105; 560596, 4406205; 560496, 4406405; 560496, 4406704; 560896, 4406705; 560896, 4407104; 561296, 4407104; 561296, 4411104; 565596, 4410304; 568496, 4410304; 568496, 4410404; 568496, 4411204; 570596, 4411204; 570896, 4411504; 571496, 4411304; 571596, 4410804; 572196, 4410704; 572196, 4409904; 571896, 4409404; 570596, 4408804; 570296, 4408804; 570296, 4409104; 569796, 4408804; 569896, 4407505; 569996, 4406805; 569896, 4405905; 569896, 4405447; 569896, 4405305; 569496, 4405305; 569203, 4405451; 568696, 4405705; 568396, 4405705; 567904, 4405459; 567596, 4405305; 567296, 4405305; 565096, 4405305; 564685, 4405478; 564696, 4405605; 564196, 4405605; 563956, 4405485; 563796, 4405405; 563496, 4405205; returning to 563310, 4405483.

(36) Subunit 7A; Shasta County, Tehama County, California. From USGS 1:24,000 scale quadrangle Balls Ferry. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 569496, 4471491; 569496, 4471604; 569696, 4471704; 569696, 4471804; 569996, 4472004; 570296, 4471904; 570544, 4471821; 570555, 4471529; 570555, 4471529; 570555, 4471528; 570504, 4471512; 570478, 4471518; 570452, 4471544; 570431, 4471571; 570400, 4471571; 570393, 4471576; 570375, 4471572; 570336, 4471562; 570306, 4471565; 570292, 4471547; 570279, 4471542; 570268, 4471538; 570256, 4471509; 570252, 4471484; 570252, 4471482; 570246, 4471475; 570235, 4471460; 570235, 4471458; 570235, 4471449; 570214, 4471432; 570188, 4471428; 570185, 4471428; 570167, 4471427; 570150, 4471427; 570102, 4471428; 570071, 4471445; 570048, 4471443; 570009, 4471442; 569989, 4471429; 569962, 4471427; 569948, 4471428; 569917, 4471401; 569906, 4471378; 569885, 4471377; 569857, 4471378; 569853, 4471379; 569831, 4471347; 569818, 4471378; 569772, 4471385; 569754, 4471385; 569740, 4471388; 569721, 4471387; 569701, 4471389; 569653, 4471389; 569630, 4471397; 569613, 4471402; 569590, 4471410; 569561, 4471419; 569534, 4471426; 569511, 4471433; 569496, 4471433; returning to 569496, 4471491.

(37) Subunit 7B; Shasta and Tehama County, California. From USGS 1:24,000 scale quadrangles Tuscan Buttes NE, Balls Ferry, Shingletown, Dales, Bend, Red Bluff East. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 571332, 4471716; 571334, 4471766; 571340, 4471796; 571333, 4471846; 571340, 4471873; 571343, 4471927; 571345, 4471968; 571367, 4471968; 571459, 4471969; 571501, 4471942; 571556, 4471947; 571556, 4471947; 571563, 4471948; 571620, 4471970; 571637, 4471970; 571637, 4471970; 571731, 4471970; 571743, 4471975; 571810, 4472002; 571819, 4472004; 571835, 4472004; 571996, 4472004; 572250, 4472089; 572250, 4472087; 572252, 4472088; 572254, 4472031; 572258, 4472029; 572264, 4472031; 572277, 4472030; 572304, 4472029; 572315, 4472027; 572327, 4472023; 572337, 4472021; 572378, 4472019; 572403, 4472019; 572421, 4472017; 572428, 4472016; 572596, 4471904; 573996, 4471904; 574247, 4472594; 574303, 4472618; 574308, 4472620; 574315, 4472618; 574334, 4472612; 574351, 4472608; 574367, 4472604; 574389, 4472602; 574456, 4472606; 574465, 4472611; 574480, 4472615; 574499, 4472619; 574523, 4472627; 574546, 4472632; 574565, 4472634; 574579, 4472636; 574585, 4472638; 574584, 4472727; 574584, 4472736; 574584, 4472745; 574583, 4472755; 574583, 4472755; 574555, 4472750; 574538, 4472746; 574521, 4472744; 574507, 4472742; 574493, 4472740; 574486, 4472738; 574475, 4472733; 574469, 4472731; 574461, 4472728; 574452, 4472724; 574449, 4472724; 574438, 4472723; 574442, 4472729; 574454, 4472759; 574561, 4472824; 574544, 4472824; 574541, 4472841; 574431, 4472775; 574422, 4472751; 574393, 4472724; 574374, 4472726; 574357, 4472744; 574349, 4472755; 574327, 4472779; 574318, 4472791; 574396, 4473004; 574850, 4473004; 575035, 4473004; 575196, 4473004; 575552, 4473217; 575696, 4473304; 575720, 4473327; 576096, 4473704; 576203, 4473704; 576555, 4473704; 576696, 4473704; 576979, 4473704; 577165, 4473704; 577396, 4473704; 577440, 4473737; 577447, 4473742; 577796, 4474004; 578696, 4474004; 578781, 4474028; 578899, 4474062; 578899, 4474062; 579396, 4474204; 579733, 4474204; 580096, 4474204; 580696, 4474504; 581086, 4474504; 581543, 4474504; 581996, 4474504; 582027, 4474541; 582496, 4475104; 583096, 4475204; 583296, 4475204; 583706, 4474876; 583796, 4474804; 584296, 4475004; 584696, 4475004; 585496, 4474304; 586096, 4473404; 586196, 4473204; 585896, 4472404; 585596, 4471904; 584896, 4471704; 584596, 4471404; 584596, 4471204; 584796, 4470904; 584796, 4470604; 584596, 4470304; 583496, 4469504; 583196, 4469204; 582696, 4468304; 582696, 4467404; 582796, 4466704; 582796, 4466504; 581996, 4465604; 581096, 4465304; 580696, 4465004; 580496, 4463804; 580296, 4463104; 578996, 4462504; 578596, 4462104; 578196, 4461804; 577896, 4460704; 577796, 4459804; 576796, 4459104; 576696, 4458604;

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576896, 4458104; 576896, 4456904; 576496, 4456504; 575596, 4456604; 574996, 4456604; 574196, 4455704; 573596, 4455404; 572396, 4455104; 572096, 4455104; 571696, 4455404; 571496, 4455204; 571196, 4454704; 570696, 4454704; 570296, 4454604; 570296, 4454804; 570696, 4455704; 570096, 4455904; 569596, 4456104; 569396, 4456304; 568996, 4456304; 568696, 4456304; 568096, 4456604; 567996, 4456904; 567996, 4457804; 568496, 4458604; 569196, 4459604; 569696, 4460304; 569596, 4460604; 569096, 4460404; 568396, 4460504; 567596, 4460504; 566896, 4459804; 566496, 4459804; 565996, 4460904; 565896, 4461204; 565896, 4461504; 566096, 4461804; 565896, 4462104; 565996, 4462204; 565896, 4462304; 565996, 4462404; 565896, 4462604; 565996, 4462704; 565996, 4462804; 566096, 4462904; 566396, 4462904; 566596, 4463104; 566596, 4463404; 566796, 4463504; 566896, 4463504; 566996, 4463404; 567196, 4463304; 567296, 4463404; 567696, 4463204; 568396, 4463004; 569896, 4463004; 570696, 4463704; 570896, 4464104; 572096, 4465004; 572096, 4466104; 572196, 4466404; 572896, 4467104; 573596, 4468404; 573496, 4468804; 573196, 4469204; 572996, 4469404; 572696, 4469404; 571896, 4468604; 571496, 4467904; 571096, 4467704; 571096, 4468504; 571296, 4468504; 571196, 4469004; 571296, 4469304; 571296, 4470304; 570596, 4470704; 570556, 4470724; 570556, 4470736; 570562, 4470735; 570557, 4471158; 570882, 4471152; 571325, 4471157; 571331, 4471712; 571332, 4471716; and excluding land bounded by 579424, 4466287; 579440, 4463592; 580153, 4465463; 580228, 4465617; 580280, 4465722; 580409, 4465868; 580935, 4466259; returning to 579424, 4466287.

(38) Subunit 7C; Butte County, Tehama County, California. From USGS 1:24,000 scale quadrangles Acorn Hollow, Campbell Mound, Richardson Springs Northwest, and Vina. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 588835, 4429627; 588996, 4429304; 589596, 4429304; 589596, 4428404; 589596, 4427804; 589896, 4426904; 590596, 4426204; 590596, 4425104; 591296, 4424204; 591596, 4423104; 591658, 4422362; 590621, 4423490; 590082, 4424078; 589912, 4424262; 589224, 4425011; 588550, 4426026; 588521, 4426069; 588374, 4426290; 588309, 4426387; 588309, 4426388; 588308, 4426389; 588263, 4426456; 588110, 4426687; 588008, 4426841; 588096, 4427104; 587996, 4427104; 587898, 4427006; 587852, 4427075; 587233, 4427967; 587203, 4428047; 586868, 4428574; 586847, 4428605; 586996, 4428704; 587396, 4428904; 588396, 4429404; 588596,

4429804; 588796, 4429704; 588829, 4429638; returning to 588835, 4429627.

(39) Subunit 7D; Butte County, California. From USGS 1:24,000 scale quadrangle Richardson Springs. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 593796, 4420704; 593259, 4420620; 592425, 4421527; 592354, 4421604; 593096, 4421604; 593196, 4421304; 593596, 4421204; returning to 593796, 4420704.

(40) Subunit 7E; Butte County, California. From USGS 1:24,000 scale quadrangle Richardson Springs. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 594596, 4420104; 598977, 4419839; 593466, 4420395; 594096, 4420604; 594496, 4420404; returning to 594596, 4420104.

(41) Subunit 7F; Butte County, California. From USGS 1:24,000 scale quadrangle Paradise West, Richardson Springs, Chico. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 597196, 4416204; 597196, 4415404; 597140, 4415330; 596896, 4415004; 597196, 4414804; 597896, 4415304; 598196, 4415004; 597696, 4414404; 597696, 4414204; 597396, 4413604; 597396, 4413104; 598296, 4413704; 598496, 4413404; 597518, 4411742; 597376, 4412187; 597055, 4413207; 596736, 4414221; 596716, 4414286; 596400, 4415288; 596399, 4415293; 596226, 4415844; 596187, 4415965; 596124, 4416162; 596107, 4416216; 596089, 4416270; 596078, 4416304; 596096, 4416304; 596196, 4416204; 596296, 4416304; 596396, 4416404; 596496, 4416504; 596596, 4416504; 596596, 4416604; 596696, 4416604; returning to 597196, 4416204.

(42) Subunit 7G; Butte County, California. From USGS 1:24,000 scale quadrangle Hamlin Canyon, Chico. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 598996, 4411605; 599496, 4411505; 599896, 4411505; 599896, 4410805; 599396, 4410505; 599196, 4410605; 599096, 4410605; 598896, 4410405; 598596, 4410205; 598396, 4409905; 598196, 4409805; 598166, 4409775; 598147, 4409798; 598133, 4409815; 598110, 4409888; 597901, 4410542; 597820, 4410795; 597557, 4411620; 597530, 4411705; 597696, 4411705; 598396, 4412504; 598596, 4413104; 598996, 4413104; returning to 598996, 4411605.

(43) Subunit 7H; Butte County, California. From USGS 1:24,000 scale quadrangle Cherokee, Hamlin Canyon. Land bounded by the following UTM Zone 10,

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NAD27 coordinates (E,N): 600396, 4398921; 605877, 4398942; 605870, 4398953; 4405805; 601296, 4405405; 601896, 4405405; 605860, 4398957; 605859, 4398956; 605797, 4405305; 602296, 4405005; 602596, 4398947; 605685, 4398921; 605600, 4398911; 4405005; 602796, 4404705; 603396, 4404505; 605528, 4398915; 605415, 4398869; 605329, 4404596, 4404005; 605296, 4404005; 605696, 4398849; 605269, 4398839; 605230, 4398828; 4403805; 605696, 4403405; 605196, 4403105; 604796, 4403205; 604596, 4403105; 604571, 605230, 4398828; 605223, 4398828; 605205, 4402980; 604496, 4402905; 604396, 4402905; 605176, 4398829; 605159, 4398830; 604296, 4402805; 604196, 4402705; 604096, 605097, 4398855; 605053, 4398874; 605003, 4402705; 603896, 4402605; 603896, 4402405; 603696, 4402205; 603496, 4402205; 603296, 4402305; 603196, 4402205; 602996, 4402205; 602996, 4401905; 602796, 4401905; 602396, 4402405; 602396, 4402505; 601896, 4403105; 601810, 4403105; 601648, 4403304; 601597, 4403304; 601561, 4403425; 601415, 4403468; 601322, 4403400; 601185, 4403376; 601074, 4403308; 600997, 4403374; 600955, 4403251; 600800, 4403371; 600638, 4403280; 600603, 4403335; 600568, 4403368; 600548, 4403385; 600464, 4403455; 600439, 4403447; 600328, 4403409; 600079, 4403484; 600069, 4403483; 599897, 4403467; 599821, 4403522; 599747, 4403502; 599588, 4403644; 599424, 4403666; 599397, 4403670; 599365, 4403674; 599180, 4403439; 599120, 4403416; 599082, 4404205; 599076, 4404348; 599067, 4404527; 599050, 4405192; 599049, 4405263; 599047, 4405333; 599043, 4405482; 599029, 440524; 599015, 4405554; 599009, 4405567; 598980, 4405599; 598938, 4405651; 598881, 4405710; 598869, 4405726; 598818, 4405777; 598807, 4405787; 598790, 4405805; 598731, 4405863; 598694, 4405907; 598679, 4405931; 598663, 4405964; 598645, 4406015; 598640, 4406038; 598636, 4406060; 598628, 4406226; 598618, 4406620; 598611, 4406938; 598607, 4407300; 598609, 4407320; 598621, 4407372; 598623, 4407375; 598623, 4407394; 598676, 4407617; 598896, 4407705; 598996, 4407905; 599296, 4408205; 600296, 4408705; 600396, 4408605; 600396, 4408205; 600096, 4407905; 600496, 4407405; 599596, 4406505; 599596, 4406005; returning to 600396, 4405805.

(44) Subunit 7I; Butte County, California. From USGS 1:24,000 scale quadrangle Hamlin Canyon, Shipee. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 607696, 4401105; 607896, 4400905; 607596, 4400605; 606996, 4400605; 605196, 4399605; 605196, 4399405; 606596, 4399305; 606893, 4399135; 606873, 4399104; 606820, 4399056; 606664, 4399070; 606624, 4399076; 606575, 4399084; 606573, 4399084; 606490, 4399069; 606458, 4399042; 606425, 4399015; 606370, 4398974; 606305, 4398940; 606221, 4398927; 606156, 4398927; 606063, 4398936; 605995, 4398939; 605953, 4398938; 605918, 4398935; 605885,

4398921; 605877, 4398942; 605870, 4398953; 605860, 4398957; 605859, 4398956; 605797, 4398947; 605685, 4398921; 605600, 4398911; 605528, 4398915; 605415, 4398869; 605329, 4398849; 605269, 4398839; 605230, 4398828; 605205, 4398828; 605176, 4398829; 605159, 4398830; 605097, 4398855; 605053, 4398874; 605003, 4398897; 604125, 4399313; 603992, 4399240; 603982, 4399239; 603974, 4399241; 603396, 4399327; 603396, 4399405; 602996, 4399405; 603596, 4399605; 604796, 4400005; 604396, 4401105; 604496, 4401205; 604596, 4401105; 604696, 4401105; 604696, 4401205; 604896, 4401205; 604996, 4401205; 604896, 4401405; 605396, 4401705; 605996, 4401805; 606496, 4401605; 607196, 4401205; returning to 607696, 4401105.

(45) Subunit 7J; Butte County, California. From USGS 1:24,000 scale quadrangle Cherokee, Oroville, Shippee. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 610454, 4388429; 610496, 4388305; 609396, 4387905; 609396, 4387705; 608896, 4387605; 608896, 4389105; 607696, 4389105; 607696, 4389305; 607596, 4389405; 607496, 4389405; 607496, 4389405; 607496, 4389705; 607396, 4389805; 607496, 4389805; 607496, 4389805; 607596, 4389905; 607496, 4390105; 607496, 4390305; 607396, 4390405; 607396, 4390605; 607196, 4390805; 605796, 4392105; 605896, 4392105; 606096, 4392305; 606196, 4392505; 605996, 4392705; 605896, 4392705; 605696, 4392605; 606124, 4392947; 606383, 4392656; 606442, 4392590; 606586, 4392442; 606633, 4392398; 607213, 4391850; 607740, 4391343; 607844, 4391243; 607922, 4391168; 608323, 4390783; 608633, 4390441; 608948, 4390093; 609241, 4389770; 609487, 4389499; 609817, 4389134; 609831, 4389118; 609986, 4388947; 610218, 4388694; 610283, 4388624; 610335, 4388559; 610417, 4388468; returning to 610454, 4388429.

(46) Subunit 7K; Butte County, California. From USGS 1:24,000 scale quadrangles Oroville, and Shippee. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 616960, 4387371; 616948, 4387464; 616937, 4387853; 616938, 4387886; 616946, 4388066; 617025, 4388461; 617078, 4388655; 617271, 4389323; 617291, 4389377; 617397, 4389892; 617404, 4389930; 617457, 4390159; 617476, 4390213; 617505, 4390300; 617537, 4390394; 617565, 4390486; 618696, 4390405; 618896, 4390005; 618896, 4389505; 617896, 4388105; 617296, 4387505; returning to 616960, 4387371.

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(47) Subunit 7L; Butte County, California. From USGS 1:24,000 scale quadrangle Hamlin Canyon, Shippee. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 612389, 4386215; 612396, 4386105; 612096, 4385905; 611396, 4384305; 611096, 4384305; 611096, 4383405; 610496, 4383405; 610496, 4383005; 610396, 4383005; 610396, 4382905; 610296, 4382805; 610396, 4382805; 610496, 4382705; 610596, 4382705; 610596, 4382605; 610596, 4382505; 610596, 4382405; 610296, 4382405; 610196, 4382205; 610296, 4382305; 610296, 4382405; 610296, 4382505; 610196, 4382405; 609996, 4382205; 609910, 4382119; 608596, 4383105; 608896, 4383605; 609596, 4384005; 609596, 4384305; 609396, 4384805; 609696, 4385105; 609396, 4385605; 609596, 4385805; 609996, 4385905; 610196, 4385905; 610196, 4386205; 610296, 4386305; 610596, 4386505; 611196, 4386905; 611496, 4387205; 611460, 4387320; 611983, 4386741; 612310, 4386376; returning to 612389, 4386215.

(48) Subunit 7M; Butte County, California. From USGS 1:24,000 scale quadrangle Cherokee, Oroville, Shippee. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 618688, 4384311; 618688, 4384311; 618656, 4384349; 618608, 4384406; 618473, 4384567; 618453, 4384600; 618382, 4384720; 618321, 4384953; 618303, 4385024; 618281, 4385143; 618113, 4385826; 618093, 4385912; 618046, 4386016; 618026, 4386061; 617997, 4386086; 617935, 4386166; 617827, 4386246; 617781, 4386268; 617763, 4386270; 617760, 4386283; 617521, 4386430; 617796, 4386705; 618096, 4386505; 618296, 4386505; 618796, 4386705; 619096, 4386805; 619296, 4387005; 619396, 4387005; 619596, 4387205; 619596, 4387405; 619796, 4387405; 619896, 4387505; 619996, 4387805; 620296, 4387805; 620696, 4388205; 620796, 4388205; 620796, 4387005; 621396, 4387005; 621696, 4386305; 621496, 4385405; 620996, 4385305; 620696, 4384705; 620496, 4384605; 619696, 4384905; 618696, 4384305; returning to 618688, 4384311.

(49) Subunit 7N; Butte County, California. From USGS 1:24,000 scale quadrangle Oroville, Shippee. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 618596, 4382306; 618596, 4382305; 619396, 4381105; 619596, 4380805; 619596, 4380305; 620896, 4378705; 620996, 4378205; 620396, 4377505; 618896, 4376805; 617896, 4376205; 617196, 4376005; 616996, 4375805; 617596, 4374605; 617596, 4374305; 617396, 4374005; 615511, 4373926; 615500, 4374159; 615415, 4374258; 614979,

4373925; 614761, 4374187; 614666, 4374554; 614396, 4374532; 614396, 4375505; 614696, 4375505; 614696, 4376405; 614896, 4376405; 614996, 4376505; 615196, 4376605; 615196, 4376805; 615996, 4376805; 616396, 4377905; 614996, 4377905; 614996, 4378105; 614796, 4378105; 614796, 4378305; 614596, 4378305; 614596, 4378605; 614696, 4378705; 614696, 4379505; 614296, 4381105; 612696, 4381105; 612696, 4382705; 613596, 4382805; 613796, 4382905; 613896, 4383005; 614096, 4383305; 614296, 4384005; 614296, 4384005; 615169, 4384005; 615902, 4383609; 616800, 4383109; 617362, 4382796; 617423, 4382762; 617659, 4382634; 617685, 4382617; 618083, 4382368; 618443, 4382135; 618464, 4382111; 618541, 4382082; 618540, 4382106; 618553, 4382177; 618559, 4382213; returning to 618596, 4382306.

(50) Subunit 8A; Mendocino County, California. From USGS 1:24,000 scale quadrangle Point Arena. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 441396, 4314002; 441696, 4313502; 441796, 4313302; 442296, 4313202; 442596, 4313102; 442996, 4312602; 443296, 4312102; 443396, 4311802; 443396, 4311602; 442596, 4311602; 442496, 4311802; 442296, 4311802; 441396, 4310802; 441096, 4310702; 440796, 4310702; 440596, 4310902; 440296, 4310902; 440096, 4311102; 439596, 4310802; 438996, 4310802; 438596, 4311202; 438596, 4311602; 438596, 4312302; 438596, 4312502; 438796, 4312802; 439096, 4312902; 439196, 4313302; 439396, 4313702; 439596, 4313802; 439896, 4313702; 440196, 4313802; 441096, 4313802; 441296, 4314002; returning to 441396, 4314002.

(51) Subunit 9A; Lake County, California. From USGS 1:24,000 scale quadrangle Kelseyville, The Geysers. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 520696, 4304503; 520796, 4304203; 521296, 4303703; 521296, 4303303; 520996, 4303203; 520096, 4302703; 519696, 4302703; 519296, 4303003; 518696, 4303403; 518496, 4303803; 517796, 4304303; 517796, 4305303; 518096, 4305603; 518996, 4305603; 519496, 4305403; 519496, 4305003; 520696, 4304503; and excluding land bound by 519229, 4304318; 519282, 4304316; 519286, 4304383; 519355, 4304340; 519671, 4304397; 519803, 4304319; 519978, 4304007; 520024, 4303964; 520021, 4303917; 519881, 4303816; 519825, 4303689; 519774, 4303779; 519731, 4303720; 519735, 4303496; 519936, 4303493; 519942, 4303707; 520021, 4303683; 520033, 4303584; 520071, 4303585;

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520076, 4304308; 520048, 4304313; 520040, 4304404; 519226, 4304415; returning to 519229, 4304318.

(52) Subunit 9B; Lake County, California. From USGS 1:24,000 scale quadrangle Middletown. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 538796, 4301004; 539196, 4300404; 540096, 4299804; 540796, 4299504; 541096, 4299104; 541196, 4298504; 540796, 4298104; 540296, 4298204; 539196, 4298904; 538896, 4299004; 538496, 4299004; 538196, 4299304; 538396, 4300004; 537996, 4300504; 537496, 4300404; 536996, 4299704; 536396, 4299504; 536096, 4299504; 535196, 4300204; 535096, 4300604; 535096, 4301004; 535196, 4301604; 535396, 4302004; 535796, 4302204; 536196, 4302204; 536996, 4302104; returning to 538796, 4301004.

(53) Subunit 9C; Napa County, California. From USGS 1:24,000 scale quadrangle Capell Valley, Yountville. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 566896, 4250704; 567396, 4250304; 568196, 4250304; 568396, 4249904; 568196, 4249804; 568496, 4249204; 568596, 4249104; 568396, 4248904; 567896, 4248804; 567596, 4248704; 567496, 4248404; 567396, 4247904; 567296, 4248104; 567096, 4249604; 566796, 4249804; 566496, 4250104; 566196, 4250204; 566096, 4250304; 565596, 4250304; 565196, 4250304; 565196, 4250604; 565496, 4251004; 566096, 4251604; 566696, 4251404; returning to 566896, 4250704.

(54) Subunit 10A; Colusa County, California. From USGS 1:24,000 scale quadrangle Meridian, Colusa. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 587096, 4337905; 587596, 4337405; 587796, 4337605; 588896, 4336505; 588996, 4336505; 589196, 4336305; 589196, 4336705; 589296, 4335705; 587996, 4335705; 587996, 4335805; 587496, 4336405; 587396, 4336605; 586996, 4337605; 586796, 4337605; 586796, 4337505; 586496, 4336605; 586396, 4336405; 586096, 4336405; 585896, 4336705; 585896, 4337005; 585996, 4338005; 586196, 4338005; 586196, 4338205; 586896, 4338705; 587096, 4338305; 587096, 4338205; 586896, 4338005; returning to 587096, 4337905.

(55) Subunit 10B; Yolo County, California. From USGS 1:24,000 scale quadrangles Davis, and Saxon. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 615496, 4262105; 615496, 4260505; 614596, 4260505;

614596, 4261305; 614296, 4261305; 614296, 4261605; 614096, 4261605; 614096, 4262105; returning to 615496, 4262105.

(56) Subunit 10C; Solano County, California. From USGS 1:24,000 scale quadrangle Dozier. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 600496, 4242805; 600496, 4242005; 601396, 4241220; 601098, 4241220; 600974, 4241220; 600543, 4241219; 600117, 4241218; 599096, 4241216; 599096, 4242105; 599696, 4242105; 599696, 4242805; returning to 600496, 4242805.

(57) Subunit 10D; Solano County, California. From USGS 1:24,000 scale quadrangle Elmira. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 593296, 4242004; 593296, 4240404; 593307, 4240404; 593351, 4239612; 592127, 4239598; 592158, 4239931; 592140, 4239942; 592122, 4239975; 592122, 4239986; 592127, 4240065; 592396, 4240604; 592196, 4240604; 591896, 4240804; 591796, 4240904; 591696, 4241004; 591696, 4241104; 591696, 4241504; 591796, 4241504; 591896, 4241404; 591996, 4241404; 592096, 4241304; 592296, 4241104; 592396, 4240704; returning to 593296, 4242004.

(58) Subunit 10E; Solano County, California. From USGS 1:24,000 scale quadrangles Denverton, and Elmira. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 589496, 4233804; 589096, 4234204; 588596, 4234204; 588596, 4236204; 588645, 4236253; 589040, 4236356; 589620, 4236362; 589766, 4236364; 589794, 4236364; 589696, 4234704; 589796, 4234704; 589796, 4234304; 590196, 4234304; 590196, 4233868; 590196, 4233804; returning to 589496, 4233804.

(59) Subunit 10F; Solano County, California. From USGS 1:24,000 scale quadrangles Denverton, Elmira, and Fairfield South. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 589275, 4230706; 589276, 4230706; 589337, 4230698; 589370, 4230694; 589411, 4230699; 589417, 4230713; 589410, 4230984; 589112, 4231020; 589196, 4231104; 589196, 4231504; 588696, 4231404; 588536, 4231484; 588513, 4232204; 588596, 4232304; 588696, 4232304; 588696, 4232604; 588496, 4232804; 588696, 4233104; 588796, 4233304; 590096, 4233304; 590196, 4233304; 590196, 4233104; 590696, 4233104; 591196, 4232604; 591234, 4232629; 591239, 4232624; 591280, 4232660; 591796, 4233004; 592610, 4233095; 592690, 4233095; 592690, 4233104; 592696, 4233104; 592696, 4233604;

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592996, 4233504; 592996, 4233555; 592998, 4233555; 592996, 4233558; 592996, 4233604; 593496, 4233904; 594296, 4233904; 594396, 4234704; 594596, 4234704; 594986, 4235200; 595012, 4233903; 595013, 4233118; 595140, 4233114; 595164, 4233100; 595227, 4233071; 595270, 4233031; 595285, 4233015; 595335, 4232955; 595418, 4232782; 595519, 4232583; 595579, 4232471; 595649, 4232328; 595795, 4232048; 596062, 4231522; 595023, 4231515; 594541, 4231511; 594505, 4231477; 594506, 4231420; 594530, 4231344; 594570, 4231298; 594592, 4231261; 594594, 4231219; 594607, 4231174; 594639, 4231161; 594671, 4231147; 594699, 4231145; 594711, 4231142; 594712, 4231130; 594714, 4231115; 594710, 4231094; 594702, 4231089; 594679, 4231079; 594669, 4231072; 594653, 4231049; 594646, 4231013; 594639, 4230983; 594596, 4231004; 593896, 4231004; 593696, 4230304; 593387, 4230319; 593387, 4230319; 593796, 4229704; 594096, 4229504; 593996, 4229404; 594096, 4229204; 593996, 4229104; 593996, 4228904; 594396, 4228804; 594396, 4228304; 593796, 4228204; 593596, 4227904; 592896, 4227904; 592796, 4227804; 592696, 4227804; 592596, 4227704; 592296, 4227604; 592096, 4227304; 591796, 4227204; 591596, 4227004; 591296, 4226904; 590996, 4226804; 590796, 4226904; 590496, 4226904; 589496, 4227204; 589361, 4227204; 589122, 4227268; 588803, 4227384; 588075, 4227674; 588069, 4227676; 587563, 4227840; 587435, 4227881; 587106, 4228001; 587029, 4228138; 586996, 4228204; 586796, 4228304; 586696, 4228804; 586496, 4228904; 586296, 4228904; 586196, 4229104; 585496, 4229704; 585496, 4229904; 585596, 4230004; 585096, 4230104; 585196, 4230204; 585096, 4230304; 585207, 4230371; 585220, 4230354; 585423, 4230389; 585415, 4230433; 585391, 4230453; 585366, 4230466; 585596, 4230604; 585696, 4230904; 585999, 4230904; 586005, 4230876; 586022, 4230869; 586052, 4230862; 586135, 4230865; 586141, 4230878; 586141, 4230892; 586123, 4230901; 586119, 4230904; 586364, 4230904; 586369, 4230888; 586420, 4230842; 586436, 4230799; 587532, 4230821; 587978, 4230857; 588064, 4230915; 588087, 4230928; 588112, 4230930; 588131, 4230927; 588171, 4230904; 588182, 4230901; 588213, 4230899; 588796, 4230704; 588939, 4230704; 589021, 4230702; 589085, 4230703; 589186, 4230717; returning to 589275, 4230706.

(60) Subunit 10G; Solano County, California. From USGS 1:24,000 scale quadrangle Fairfield South. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 583208, 4309663; 644293, 4309663; 644291, 4309665; 644289,

(61) Subunit 10H; Solano County, California. From USGS 1:24,000 scale quadrangle Fairfield South. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 577696, 4229504; 577796, 4229404; 578196, 4229504; 577996, 4228904; 577396, 4229204; 577296, 4229604; 577496, 4229804; 577696, 4229604; returning to 577696, 4229504.

(62) Subunit 11A; Yuba County, California. From USGS 1:24,000 scale quadrangles Browns Valley, and Wheatland. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 635096, 4332005; 635096, 4329705; 634696, 4329705; 633896, 4329705; 633696, 4329905; 633596, 4329905; 633396, 4329905; 633396, 4330105; 632796, 4329905; 632496, 4329705; 632496, 4328805; 631396, 4328805; 631396, 4329005; 631696, 4329005; 631696, 4329605; 631996, 4329605; 631996, 4330405; 632896, 4330405; 633096, 4330705; 633096, 4331105; 633196, 4331305; 633596, 4331505; 633896, 4331305; 633896, 4332005; returning to 635096, 4332005.

(63) Subunit 11B; Placer County, California. From USGS 1:24,000 scale quadrangle Lincoln. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 647996, 4313205; 647996, 4312505; 648096, 4312305; 647996, 4311305; 647796, 4311305; 647696, 4311105; 647396, 4311205; 646996, 4311205; 646996, 4311105; 647296, 4311105; 647596, 4311005; 647896, 4311005; 647996, 4310905; 647896, 4310805; 646996, 4310805; 646896, 4310705; 646896, 4310605; 647496, 4310605; 647596, 4310705; 647696, 4310605; 647896, 4310505; 648096, 4310505; 648096, 4309805; 648096, 4309505; 647296, 4309505; 647296, 4309005; 646796, 4308605; 646696, 4308605; 646196, 4308905; 646196, 4308005; 646222, 4307980; 646108, 4308064; 646063, 4308099; 646012, 4308132; 645918, 4308192; 645433, 4308547; 645310, 4308646; 645196, 4308747; 644293, 4309663; 644291, 4309665; 644289,

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4309667; 644244, 4309719; 643560, 4310423; 643796, 4310305; 644096, 4310705; 644396, 4310205; 645496, 4310205; 645896, 4310005; 646196, 4310005; 646396, 4309805; 647596, 4309805; 647596, 4310005; 646896, 4310005; 646596, 4310105; 646596, 4310405; 646696, 4310505; 646196, 4310505; 645996, 4310605; 645996, 4311005; 646196, 4310905; 646596, 4310905; 646596, 4311005; 646396, 4311205; 646496, 4311505; 646896, 4311505; 646896, 4311705; 646896, 4311805; 646996, 4311905; 646896, 4312305; 647096, 4312405; 647196, 4312605; 647396, 4312605; 647496, 4312505; 647496, 4312605; 647396, 4312705; 647196, 4312705; 646896, 4312503; 646896, 4312805; 646996, 4313205; 647196, 4313605; 647396, 4314005; 648396, 4314005; 648396, 4313705; returning to 647996, 4313205.

(64) Subunit 11C; Placer County, California. From USGS 1:24,000 scale quadrangle Lincoln. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 644496, 4306482; 644496, 4305705; 644796, 4305705; 644796, 4305205; 644896, 4305205; 644896, 4305005; 645196, 4305005; 645196, 4304905; 645296, 4304805; 645496, 4304905; 645622, 4304905; 645597, 4304892; 645552, 4304878; 645509, 4304874; 645500, 4304876; 645489, 4304870; 645473, 4304845; 645440, 4304828; 645410, 4304815; 645373, 4304793; 645354, 4304775; 645331, 4304746; 645324, 4304743; 645303, 4304721; 645241, 4304661; 645164, 4304612; 645083, 4304568; 645000, 4304539; 644924, 4304536; 644892, 4304538; 644873, 4304543; 644859, 4304549; 644859, 4304548; 644840, 4304549; 644803, 4304531; 644763, 4304503; 644722, 4304474; 644696, 4304454; 644671, 4304439; 644659, 4304439; 644656, 4304441; 644650, 4304444; 644636, 4304458; 644622, 4304469; 644611, 4304461; 644579, 4304457; 644535, 4304451; 644484, 4304448; 644453, 4304448; 644423, 4304445; 644412, 4304440; 644396, 4304436; 644396, 4304705; 644196, 4304705; 644196, 4304805; 644096, 4304805; 644096, 4306474; returning to 644496, 4306482.

(65) Subunit 11D; Sacramento County, California. From USGS 1:24,000 scale quadrangle Folsom. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 655336, 4279155; 655196, 4279155; 655150, 4279167; 655156, 4279185; 655186, 4279195; 655186, 4279365; 655156, 4279385; 655136, 4279395; 655116, 4279415; 655106, 4279445; 655086, 4279455; 655056, 4279525; 655036, 4279575; 655036, 4279605; 655196, 4279605; 655197, 4279611; 655316, 4279615; 655306, 4279955; 655386, 4279955; 655314, 4279951; 655326, 4279736; 655474, 4279733; 655466, 4279725; 655376, 4279725; 655366, 4279665; 655366, 4279635; 655356, 4279605; 655346, 4279555; 655336, 4279505; 655336, 4279445; returning to 655336, 4279155.

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657796, 4250905; 657796, 4251305; 656796, 4251205; 656796, 4251905; 656596, 4252105; 656596, 4252405; 657096, 4253505; 657496, 4254405; 657896, 4254105; 657896, 4254005; 658196, 4253805; 658996, 4253305; 659096, 4253305; 659396, 4253105; 660096, 4254305; 660196, 4254605; 660296, 4254705; 660396, 4255005; 660696, 4255105; 660796, 4255205; 660896, 4255805; 660850, 4255851; 660873, 4255851; 661637, 4255865; 661651, 4255601; 661827, 4252068; 661832, 4251947; 662276, 4251977; 662409, 4251980; 662679, 4251997; 663105, 4252023; 663215, 4252003; 663317, 4252039; 663371, 4252095; 663408, 4252146; 663420, 4252196; 663440, 4252251; 663474, 4252316; 663486, 4252396; 663505, 4252516; 663533, 4252575; 663606, 4252695; 663642, 4252719; 663686, 4252727; 663726, 4252712; 663822, 4252705; 663857, 4252706; 663896, 4252721; 663914, 4252764; 663920, 4252796; 663857, 4252880; 663747, 4253004; 663747, 4253037; 663763, 4253091; 663837, 4253213; 663903, 4253293; 663928, 4253295; 664001, 4253291; 664058, 4253303; 664135, 4253365; 664184, 4253407; 664222, 4253422; 664315, 4253500; 664344, 4253504; 664409, 4253477; 664446, 4253411; 664567, 4253418; 664662, 4253481; 664688, 4253505; 664743, 4253559; 664849, 4253655; 664950, 4253758; 664964, 4253805; 664973, 4253929; 664952, 4253998; 664979, 4254043; 665073, 4254139; 665214, 4254225; 665270, 4254273; 665323, 4254297; 665409, 4254269; 665487, 4254229; 665610, 4254195; 665715, 4254243; 665752, 4254299; 665819, 4254352; 665853, 4254363; 665896, 4254358; 665949, 4254318; 665976, 4254298; 666052, 4254239; 666056, 4254207; 666125, 4254170; 666163, 4254172; 666210, 4254184; 666264, 4254197; 666332, 4254245; 666369, 4254253; 666406, 4254245; 666435, 4254240; 666513, 4254210; 666547, 4254168; 666587, 4254124; 666619, 4254114; 666677, 4254117; 666748, 4254111; 666801, 4254066; 666818, 4254035; 666836, 4253969; 666838, 4253889; 666860, 4253792; 666887, 4253752; 666922, 4253724; 666945, 4253718; 667011, 4253723; 667073, 4253756; 667153, 4253781; 667238, 4253802; 667349, 4253785; 667373, 4253769; 667398, 4253773; 667409, 4253786; 667411, 4253813; 667473, 4253839; 667578, 4253845; 667714, 4253831; 667897, 4253780; 668055, 4253686; 668263, 4253626; 668456, 4253639; 668519, 4253655; 668621, 4253643; 668739, 4253609; 668796, 4253548; 668896, 4253471; 668974, 4253415; 669094, 4253336; 669194, 4253292; 669267, 4253288; 669347, 4253276; 669424, 4253270; 669495, 4253201; 669557, 4253129; 669654, 4253082; 669715, 4253062; 669761, 4253063; 669955, 4253052; 670108, 4243105; 670239, 4252978; 670337, 4252993; 670375, 4252990; 670416, 4252964; 670467, 4252879; 670595, 4252812; 670633, 4252797; 670690, 4252732; 670722, 4252678; 670738, 4252653; 670759, 4252648; 670808, 4252657; 670828, 4252680; 670812, 4252712; 670823, 4252726; 670852, 4252739; 670903, 4252728; 670946, 4252729; 670979, 4252701; 671008, 4252634; 671046, 4252594; 671071, 4252579; 671137, 4252568; 671206, 4252564; 671287, 4252468; 671366, 4252374; 671412, 4252343; 671472, 4252324; 671534, 4252310; 671605, 4252270; 671627, 4252253; 671655, 4252255; 671699, 4252295; 671727, 4252314; 671770, 4252320; 671812, 4252316; 671869, 4252308; 671923, 4252302; 671944, 4252281; 672031, 4252224; 672039, 4252232; 672059, 4252259; 672086, 4252263; 672100, 4252240; 672139, 4252205; 672204, 4252111; 672213, 4252089; 672226, 4252061; 672230, 4252049; 672249, 4252035; 672255, 4252005; 672249, 4251995; 672244, 4251985; 672207, 4251970; 672200, 4251954; 672205, 4251906; 672210, 4251885; 672209, 4251860; 672204, 4251786; 672216, 4251713; 672247, 4251698; 672274, 4251711; 672281, 4251706; 672295, 4251670; 672309, 4251635; 672342, 4251607; 672359, 4251589; 672367, 4251580; 672367, 4251592; 672361, 4251922; 672360, 4252004; 672343, 4252721; 672342, 4252746; 672327, 4253475; 672321, 4253759; 672320, 4253811; 672316, 4253962; 672315, 4254034; 672314, 4254092; 672288, 4255416; 672296, 4255405; 672496, 4255405; 672796, 4256205; 673296, 4256205; 672896, 4254905; 672896, 4254605; 673196, 4254705; 673896, 4254705; 674096, 4254405; 674096, 4254205; 674596, 4253805; 674596, 4253505; 674196, 4253305; 674196, 4252705; 674396, 4252105; 674596, 4251705; 674596, 4251405; 673496, 4251305; 673396, 4251205; 673396, 4251005; 673996, 4250805; 674096, 4250305; 674396, 4249805; 674396, 4249605; 674296, 4249505; 673996, 4249505; 673696, 4249705; 672596, 4249705; 672411, 4249798; 671996, 4250005; 671396, 4250005; 671196, 4250305; 671096, 4250305; 671096, 4249605; 670796, 4249605; 670796, 4249305; 670896, 4249105; 670896, 4248805; 670996, 4248705; 670996, 4248305; 670596, 4247903; 670596, 4247905; 670496, 4247805; 670496, 4247805; 670196, 4247605; 670596, 4247305; 671196, 4247505; 671196, 4247405; 671996, 4247105; 671996, 4246905; 671596, 4246605; 671696, 4246405; 671896, 4245805; 671396, 4245205; 671351, 4245169; 670896, 4244805; 670096, 4244005; 670096, 4243905; 670596, 4243605; 670296, 4243205; 670296, 4242905; 670496, 4242905;

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670696, 4242405; 671296, 4242705; 671696, 4242805; 671696, 4242505; 670796, 4241905; 669896, 4241905; 669396, 4241705; 668996, 4241705; 668796, 4241605; 668596, 4241405; 668496, 4241405; 668296, 4241505; 668096, 4241805; 667996, 4241805; 667496, 4241405; 667496, 4241605; 666496, 4241505; 665496, 4241505; 665496, 4242505; 665096, 4242105; 664896, 4242105; 664896, 4242005; 664796, 4242005; 664696, 4241905; 664596, 4241905; 664596, 4241105; 664096, 4240805; 663596, 4240805; 663596, 4240705; 663496, 4240605; 663396, 4240605; 663096, 4240405; 663396, 4240405; 663196, 4240405; 662896, 4240705; 662796, 4240205; 662796, 4239805; 662596, 4239805; 662596, 4239405; 662196, 4239205; 662096, 4239105; 661796, 4239105; 661796, 4239005; 661496, 4238805; 661496, 4239705; 661596, 4239705; 661596, 4241405; 661596, 4241405; 661596, 4241705; 661796, 4241805; 662296, 4241805; 662296, 4241405; 662996, 4241405; 662896, 4242105; 662596, 4242105; 662696, 4242805; 662996, 4242905; 663496, 4242905; 663496, 4243605; 663146, 4243605; 663126, 4243646; 663096, 4243649; 663096, 4243705; 662596, 4243705; 662796, 4244505; 662896, 4244605; 662946, 4244605; 663096, 4244705; 663196, 4245105; 663896, 4245105; 663996, 4245305; 664496, 4245405; 664596, 4245005; 664696, 4245005; 664846, 4245043; 664996, 4245080; 664996, 4245105; 665096, 4245105; 664996, 4245505; 664996, 4246305; 664496, 4246305; 663996, 4246505; 662596, 4246105; 662330, 4246105; 662296, 4246105; 662196, 4246205; 661796, 4246205; 661996, 4246805; 662096, 4247105; 661896, 4247305; 660996, 4247305; 660996, 4246948; 660996, 4246905; 660946, 4246905; 659796, 4246905; 659596, 4247105; 659596, 4248105; 660096, 4248105; 659996, 4249405; 660096, 4249705; 659996, 4250005; 659496, 4249505; 659496, 4249305; 659396, 4249005; 659196, 4248805; 659196, 4248705; 659296, 4248605; 659196, 4248505; 658996, 4248505; 658896, 4248405; 658696, 4248405; 658596, 4248605; 658496, 4248705; 658296, 4248805; 658296, 4248705; 658396, 4248505; 658596, 4248305; 658596, 4248205; 658496, 4248105; 658496, 4247705; 658196, 4247705; 658096, 4248305; 656796, 4248305; 656396, 4248705; 655996, 4248005; 656196, 4247905; 656196, 4247805; 656096, 4247605; 655296, 4247605; 655296, 4247005; 654796, 4247005; returning to 654796, 4248555.

(69) Subunit 11H; Sacramento, San Joaquin County, California. From USGS 1:24,000 scale quadrangle Lockeford, Clay. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 654171, 4234569; 654196, 4234605; 655196, 4234605; 655506, 4234373; 655596, 4234305; 655784, 4234399; 655996, 4234505; 656082, 4234505; 656096, 4234305; 656896, 4234305; 656896, 4234505; 657696, 4234505; 657996, 4234805; 658896, 4235005; 658796, 4234905; 658796, 4234405; 659296, 4234405; 659096, 4234705; 660596, 4235105; 661096, 4235105; 661196, 4234905; 660796, 4234505; 660396, 4234205; 660096, 4234105; 659696, 4233205; 656996, 4233205; 654196, 4233005; 654096, 4233005; 654096, 4232505; 653696, 4232505; 653696, 4233905; returning to 654171, 4234569.

(70) Subunit 12A; Napa County, California. From USGS 1:24,000 scale quadrangle Napa, Cuttings Wharf. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 564896, 4233104; 564896, 4232904; 564696, 4233004; 564196, 4232604; 563896, 4232804; 563896, 4233404; 563896, 4234904; 563896, 4235004; 563996, 4235104; 564296, 4235204; 564496, 4235104; 564596, 4234904; 564796, 4234804; 564796, 4234704; 564896, 4234504; 564796, 4234204; 564896, 4234004; 564796, 4233904; 564796, 4233804; 564896, 4233604; returning to 564896, 4233104.

(71) Subunit 12B; Napa County, California. From USGS 1:24,000 scale quadrangle Cuttings Wharf. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 563296, 4230404; 563896, 4229304; 564196, 4229404; 564396, 4229004; 563296, 4228704; 563096, 4228704; 562896, 4228304; 562718, 4228304; 562357, 4228448; 561986, 4228585; 561853, 4228635; 561894, 4228673; 561961, 4228724; 562294, 4228870; 562253, 4229105; 562516, 4229162; 562580, 4229331; 562627, 4229327; 562716, 4229356; 562748, 4229378; 562751, 4229445; 562700, 4229489; 562634, 4229585; 562577, 4229661; 562624, 4230099; 562554, 4230302; 562577, 4230372; 562573, 4230413; 562573, 4230496; 562561, 4230550; 562572, 4230604; 562596, 4230604; 563296, 4230704; returning to 563296, 4230404.

(72) Subunit 12C; Contra Costa County, California. From USGS 1:24,000 scale quadrangle Benicia, Mare Island. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 566896, 4208304; 566896, 4207804; 566996, 4207804; 566996, 4207704; 566996, 4207604; 567196, 4207604; 567196, 4207704; 567096, 4207704; 567096, 4207804; 567196, 4207904; 567296, 4208004; 567596, 4207604; 567996,

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4207204; 568296, 4207004; 568596, 4206904; 568496, 4206904; 568396, 4206804; 568296, 4206804; 568196, 4206804; 567996, 4206904; 567796, 4207004; 567696, 4207004; 567696, 4206904; 567596, 4206904; 567296, 4206904; 566696, 4207504; 566496, 4207304; 565996, 4207204; 565796, 4207504; 566507, 4208304; returning to 566896, 4208304.

(73) Subunit 13A; Contra Costa County, California. From USGS 1:24,000 scale quadrangle Antioch South, Brentwood. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 612596, 4195704; 611796, 4194304; 611796, 4194104; 611496, 4193204; 610996, 4193304; 610296, 4193504; 609996, 4193704; 609796, 4193804; 609196, 4193804; 608196, 4194104; 608596, 4194704; 608496, 4194904; 608696, 4195104; 608696, 4195704; 609696, 4195704; 609596, 4195404; 609296, 4194904; 609296, 4194804; 609396, 4194704; 609996, 4194604; 610296, 4194604; 610596, 4194904; 611296, 4195704; 612196, 4196104; returning to 612596, 4195704.

(74) Subunit 13B; Contra Costa County, California. From USGS 1:24,000 scale quadrangle Byron Hot Springs, Clifton Court Forebay. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 617896, 4187704; 618296, 4187904; 618596, 4188104; 618496, 4188404; 617796, 4188604; 617896, 4188704; 617715, 4188659; 617496, 4188804; 617496, 4189004; 618296, 4189304; 618196, 4189604; 618296, 4189904; 618796, 4190104; 618796, 4190504; 619096, 4190804; 619396, 4190904; 619696, 4190904; 619896, 4190504; 619996, 4190504; 620196, 4190704; 620496, 4190704; 620596, 4191004; 621896, 4191004; 622296, 4190504; 622396, 4190204; 622371, 4190204; 622496, 4189704; 623096, 4189104; 622996, 4188504; 622296, 4188504; 622196, 4188604; 621996, 4188804; 621796, 4189104; 621496, 4189504; 621296, 4189804; 621296, 4190204; 621196, 4190204; 621196, 4188504; 620996, 4188504; 620696, 4188204; 620496, 4188404; 620496, 4187904; 620596, 4187704; 620696, 4187604; 620796, 4187504; 620996, 4187504; 621196, 4187304; 620596, 4186904; 620596, 4186704; 621396, 4187104; 621417, 4187094; 621434, 4187085; 621696, 4187204; 622096, 4186804; 622496, 4186204; 622696, 4185904; 622596, 4185804; 622596, 4185604; 622096, 4185104; 621296, 4185104; 621096, 4185304; 620896, 4185304; 620596, 4185004; 620296, 4185104; 619996, 4185404; 619696, 4185304; 619496, 4185504; 618296, 4186404; 618196,

4186904; 617796, 4187204; returning to 617896, 4187704.

(75) Subunit 13C; Contra Costa County, California. From USGS 1:24,000 scale quadrangle Byron Hot Springs. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 614896, 4185204; 615196, 4185004; 615196, 4185304; 615396, 4185304; 615496, 4185004; 615696, 4184704; 615896, 4184704; 616096, 4184604; 616096, 4184504; 615896, 4184304; 615796, 4184304; 615596, 4184004; 615196, 4184004; 614896, 4184004; 614796, 4183804; 614696, 4183804; 614696, 4184304; 614996, 4184804; 614696, 4185104; 614696, 4185704; 614796, 4185704; returning to 614896, 4185204.

(76) Subunit 13D; Alameda County, California. From USGS 1:24,000 scale quadrangle Byron Hot Springs. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 615596, 4181004; 615596, 4180904; 615696, 4180904; 615796, 4181104; 615896, 4181004; 616096, 4180404; 616096, 4180304; 616296, 4180004; 616296, 4179704; 615996, 4179704; 615996, 4179504; 616296, 4179304; 616296, 4178804; 616196, 4178804; 615996, 4179004; 615996, 4179204; 615796, 4179404; 615596, 4179904; 615196, 4180304; 614896, 4180604; 614496, 4180704; 614196, 4180904; 614696, 4181304; 614796, 4181304; 614796, 4181504; 614996, 4181504; 615296, 4181204; 615496, 4181104; returning to 615596, 4181004.

(77) Subunit 13E; Alameda County, California. From USGS 1:24,000 scale quadrangle Altamont, Livermore. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 612496, 4175704; 612496, 4176104; 612196, 4176104; 612196, 4176204; 612096, 4176304; 611896, 4176304; 611696, 4176304; 611696, 4175104; 611296, 4175204; 610996, 4175204; 610896, 4175704; 610496, 4175704; 610396, 4175004; 610296, 4174904; 610096, 4174804; 610096, 4174604; 609196, 4175204; 608696, 4175404; 608496, 4175704; 610096, 4176304; 610496, 4176304; 610496, 4178304; 610896, 4178104; 610896, 4177304; 610896, 4177004; 611296, 4177004; 611996, 4176504; 612396, 4176504; 612496, 4176504; 612496, 4177004; 613396, 4177004; 613496, 4176804; 613396, 4176704; 613396, 4176604; 613396, 4176504; 613296, 4176104; 613496, 4176104; 613496, 4176004; 613596, 4176004; 613596, 4176104; 613696, 4176204; 613796, 4176204; 613796, 4176404; 614496, 4175304; 614396, 4175204; 614296, 4175204; 614196, 4175104; 614096,

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4175104; 613996, 4175004; 613896, 4174904; 613796, 4174904; 613796, 4175004; 613696, 4175004; 613696, 4175904; 613396, 4175904; 613296, 4175704; 613196, 4175704; 612896, 4175904; 612796, 4175904; 612596, 4175704; returning to 612496, 4175704.

(78) Subunit 14A; Stanislaus County, California. From USGS 1:24,000 scale quadrangle Ripon. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 662496, 4168105; 661696, 4167805; 661696, 4168105; 660396, 4167605; 660696, 4167305; 660896, 4167005; 660096, 4167005; 659596, 4168605; 661696, 4168605; 661696, 4169205; 662496, 4169205; returning to 662496, 4168105.

(79) Subunit 14B; Merced County, California. From USGS 1:24,000 scale quadrangles Gustine, San Luis Ranch, and Stevenson. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 688396, 4128805; 688696, 4128605; 689196, 4128705; 689296, 4128605; 689496, 4128405; 689896, 4128305; 689996, 4128105; 690296, 4128105; 690496, 4128005; 690596, 4127805; 690696, 4125305; 692796, 4125305; 693296, 4124805; 693196, 4124605; 693196, 4124205; 693396, 4123505; 693696, 4123205; 693896, 4122805; 694096, 4122705; 694175, 4122626; 694131, 4122595; 692549, 4121476; 692396, 4121705; 692296, 4121805; 692296, 4122305; 692196, 4122505; 691896, 4122605; 691496, 4122605; 691357, 4122884; 691358, 4122902; 691359, 4122918; 691363, 4122960; 691369, 4123003; 691363, 4123043; 691344, 4123077; 691313, 4123096; 691296, 4123099; 691296, 4123305; 691207, 4123484; 691223, 4123482; 691245, 4123487; 691252, 4123499; 691262, 4123523; 691273, 4123544; 691287, 4123575; 691290, 4123598; 691296, 4123605; 691291, 4123615; 691297, 4123654; 691311, 4123697; 691316, 4123747; 691310, 4123785; 691288, 4123825; 691268, 4123854; 691247, 4123877; 691223, 4123893; 691195, 4123900; 691167, 4123900; 691151, 4123895; 690996, 4124205; 690655, 4124205; 690655, 4124207; 690665, 4124222; 690678, 4124232; 690679, 4124252; 690673, 4124271; 690660, 4124287; 690642, 4124298; 690622, 4124307; 690619, 4124307; 690619, 4124324; 690596, 4124329; 690571, 4124335; 690565, 4124343; 690541, 4124375; 690484, 4124395; 690449, 4124397; 690276, 4124454; 690223, 4124494; 690179, 4124500; 690121, 4124588; 690116, 4124659; 690092, 4124705; 690085, 4124810; 690048, 4124861; 690008, 4124900; 689952, 4124924; 689915, 4124989; 689884, 4125015; 689844, 4125034; 689796, 4125105; 689754, 4125400; 689761, 4125400; 689768, 4125408; returning to 612496, 4175704.

689742, 4125562; 689726, 4125598; 689696, 4125805; 689796, 4126005; 689696, 4126405; 689496, 4126405; 689372, 4126343; 689335, 4126386; 689285, 4126469; 689231, 4126483; 689217, 4126487; 689165, 4126532; 689164, 4126657; 689116, 4126766; 689086, 4126798; 689007, 4126783; 688999, 4126800; 689009, 4126811; 689196, 4126905; 689120, 4127000; 689121, 4127012; 689045, 4127097; 689027, 4127129; 689019, 4127127; 688951, 4127212; 688919, 4127259; 688876, 4127308; 688831, 4127386; 688819, 4127426; 688792, 4127455; 688780, 4128049; 688289, 4128040; 688196, 4128505; returning to 688396, 4128805.

(80) Subunit 14C; Merced County, California. From USGS 1:24,000 scale quadrangles San Luis Ranch, and Stevenson. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 693218, 4125475; 693196, 4125505; 693242, 4125551; 693296, 4125605; 693796, 4125705; 693796, 4127105; 693896, 4127105; 693996, 4126805; 694296, 4126705; 694696, 4126205; 694696, 4126005; 694796, 4125805; 695275, 4125531; 695496, 4125405; 695596, 4121805; 694996, 4122205; 694796, 4122505; 694596, 4122705; 694596, 4122905; 694196, 4123205; 693896, 4123305; 693896, 4123605; 693596, 4123705; 693596, 4124305; 693796, 4124505; 693896, 4124805; 693696, 4125005; 693496, 4125105; returning to 693218, 4125475.

(81) Subunit 14D; Merced County, California. From USGS 1:24,000 scale quadrangles Arena, San Luis Ranch, Stevenson, and Turner Ranch. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 702966, 4121510; 703296, 4120905; 703996, 4120305; 704696, 4119605; 704696, 4119605; 704796, 4119505; 698996, 4119405; 698896, 4119505; 698639, 4119762; 698655, 4119775; 698597, 4119816; 698600, 4119874; 698722, 4120002; 698758, 4119882; 698790, 4119918; 698764, 4120921; 698760, 4121315; 698690, 4121313; 698696, 4121405; 699996, 4121405; 700096, 4120205; 700296, 4120205; 697096, 4122405; 696996, 4124905; 697796, 4124905; 697696, 4125205; 697796, 4125405; 698096, 4125505; 698296, 4125605; 698396, 4125905; 698796, 4126305; 699596, 4126305; 699696, 4126105; 699396, 4126105; 699396, 4125205; 700296, 4125805; 700696, 4125505; 701196, 4125105; 701196, 4124105; 700396, 4123605; 700596, 4123605; 700696, 4123005; 701496, 4122905; 701696, 4122505; 701996,

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4122305; 702696, 4122005; returning to 702966, 4121510.

(82) Subunit 14E; Merced County, California. From USGS 1:24,000 scale quadrangles Arena, and Turner Ranch. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 706796, 4121905; 706896, 4120705; 706796, 4120305; 706796, 4119505; 708196, 4119405; 708096, 4119305; 707996, 4119005; 707996, 4118805; 708096, 4118705; 708396, 4118705; 708396, 4117905; 707996, 4117905; 707596, 4118305; 706596, 4118305; 706096, 4118705; 705696, 4119105; 705296, 4119505; 704896, 4119805; 704796, 4119905; 704796, 4120205; 705196, 4120205; 704045; 704996, 4120505; 704996, 4120605; 705196, 4120605; 704996, 4120805; 705096, 4120905; 705196, 4121505; 705296, 4121505; 705396, 4121805; 705796, 4121905; 705796, 4122005; 705496, 4122105; 705396, 4122205; 705596, 4122405; 705496, 4122405; 705396, 4122305; 705296, 4122305; 705196, 4122305; 704996, 4122305; 704996, 4122505; 704896, 4122605; 704596, 4122605; 704396, 4122705; 704096, 4122605; 703996, 4122705; 703496, 4124205; 703396, 4124405; 701396, 4126305; 700196, 4127405; 700563, 4128872; 700596, 4129005; 700596, 4130405; 701096, 4129905; 701196, 4129605; 701296, 4129605; 701196, 4129905; 701196, 4130405; 701796, 4130405; 701796, 4129005; 701896, 4129005; 702896, 4129005; 703096, 4128605; 703396, 4128605; 703996, 4128605; 703996, 4128805; 704296, 4128805; 703396, 4128205; 703496, 4128105; 703496, 4127705; 703596, 4127605; 703896, 4127305; 703796, 4127105; 703596, 4127105; 703496, 4126905; 703496, 4125905; 703596, 4125905; 704496, 4125905; 704396, 4125805; 704496, 4125705; 704596, 4125105; 704596, 4124605; 705096, 4124605; 705096, 4125105; 705796, 4125105; 706796, 4123505; returning to 706796, 4121905.

(83) Subunit 14F; Merced County, California. From USGS 1:24,000 scale quadrangles Sandy Mush, and Turner Ranch. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 706796, 4121905; 711596, 4122005; 711596, 4121505; 711596, 4121005; 709996, 4121105; 709996, 4121705; 709896, 4121705; 709896, 4121605; 709796, 4121305; 709596, 4121305; 709396, 4121405; 708896, 4121205; 708796, 4121105; 706896, 4121105; returning to 706796, 4121905.

(84) Subunit 14G; Merced County, California. From USGS 1:24,000 scale

quadrangles Sandy Mush and Turner Ranch. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 711296, 4120305; 711496, 4119405; 711996, 4119205; 712196, 4119105; 712396, 4119105; 712396, 4119005; 712696, 4119005; 712896, 4118605; 711696, 4118505; 711696, 4118305; 711496, 4118305; 711396, 4118205; 711196, 4117905; 709996, 4117905; 709996, 4118605; 709996, 4118805; 709796, 4119405; 710396, 4119405; 710396, 4119705; 710796, 4119805; 710696, 4119805; 710696, 4119905; 710796, 4120005; 710696, 4120105; 710796, 4120205; 710796, 4120305; 710996, 4120205; 711196, 4120205; returning to 711296, 4120305.

(85) Subunit 14H; Merced County, California. From USGS 1:24,000 scale quadrangle Sandy Mush. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 714696, 4114805; 713396, 4114805; 713196, 4115105; 713396, 4115105; 713896, 4115205; 713896, 4116405; 715496, 4116405; 715596, 4116305; 715596, 4115623; 714696, 4115605; returning to 714696, 4114805.

(86) Subunit 14I; Merced County, California. From USGS 1:24,000 scale quadrangles El Nido, and Sandy Mush. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 718196, 4119755; 718196, 4119805; 718596, 4120705; 718996, 4120705; 718996, 4119805; 719396, 4119805; 719496, 4120005; 719696, 4119905; 720296, 4119905; 720396, 4120005; 720796, 4120005; 720996, 4119805; 721596, 4119805; 721696, 4119905; 722096, 4119905; 722196, 4119805; 722296, 4120005; 722296, 4121015; 722296, 4119405; 722196, 4119305; 722296, 4118205; 725496, 4118305; 725496, 4118383; 725496, 4118387; 726196, 4118405; 726196, 4119005; 728696, 4119905; 728696, 4119005; 727896, 4119005; 727796, 4118405; 727696, 4118305; 727596, 4118305; 727596, 4118205; 727596, 4116705; 726896, 4116705; 726796, 4116705; 726896, 4115105; 725996, 4115105; 725996, 4116705; 724396, 4116705; 724396, 4117405; 722790, 4117311; 722696, 4117405; 721896, 4117405; 721896, 4118205; 720296, 4117405; 719496, 4117405; 719496, 4116505; 718696, 4116505; 718696, 4116905; 718296, 4116905; 718296, 4117005; 718396, 4117105; 718496, 4117205; 718696, 4117205; 718696, 4117305; 718696, 4118096; 718996, 4118105; 718996, 4118705; 718896, 4118805; 718796, 4118805; 718696, 4118905; 717796,

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4118905; 717796, 4119705; 718196, 4119705; returning to 718196, 4119755.

(87) Subunit 14J; Merced County, California. From USGS 1:24,000 scale quadrangle Sandy Mush. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 721396, 4120605; 720596, 4120605; 720596, 4121405; 721396, 4121405; 721396, 4121005; returning to 721396, 4120605.

(88) Subunit 14K; Merced County, California. From USGS 1:24,000 scale quadrangle El Nido. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 722996, 4121605; 721896, 4121605; 722996, 4122305; 722996, 4122305; returning to 722996, 4121605.

(89) Subunit 14L; Merced County, California. From USGS 1:24,000 scale quadrangles El Nido, and Plainsburg. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 731796, 4116805; 730496, 4116805; 730496, 4118405; 730296, 4118405; 730196, 4119105; 730096, 4119505; 730096, 4119705; 730196, 4120005; 730996, 4120005; 730996, 4121205; 731396, 4121305; 731896, 4121205; 732796, 4121105; 734096, 4121005; 734296, 4120905; 734296, 4120105; 733496, 4120105; 733496, 4118505; 731796, 4118505; returning to 731796, 4116805.

(90) Subunit 14M; Kings County and Tulare County, California. From USGS 1:24,000 scale quadrangles Burris Park, Monson, Remnay, and Traver. Land bounded by the following UTM Zone 11, NAD27 coordinates (E,N): 276838, 4031116; 276881, 4031202; 277581, 4031302; 278281, 4031702; 279581, 4031602; 279081, 4032702; 280581, 4032702; 281481, 4033102; 281881, 4033002; 283081, 4034102; 283881, 4034202; 284780, 4035002; 286880, 4034902; 287080, 4034902; 288580, 4034902; 288580, 4035402; 287780, 4035502; 289380, 4036502; 289480, 4037202; 291180, 4037202; 291180, 4037002; 291880, 4037002; 291980, 4036602; 291980, 4035402; 292733, 4035590; 292727, 4035432; 292680, 4035202; 291980, 4035202; 291780, 4035202; 290580, 4035502; 290580, 4035902; 289880, 4035902; 289880, 4035502; 289480, 4035502; 289480, 4034302; 288580, 4034002; 287780, 4034002; 287780, 4034302; 287080, 4034402; 287080, 4034102; 285080, 4034202; 285080, 4033602; 283181, 4033602; 283181, 4032902; 282681, 4032902; 282681, 4032402; 282281, 4032402; 282181, 4031602; 282181, 4030902; 280181, 4030902; 280181, 4030602; 279081, 4030402; 278781,

4030302; 278581, 4029902; 278181, 4029802; 278088, 4029807; 276481, 4029902; 275781, 4029402; 275581, 4029002; 275381, 4028402; 275081, 4028102; 274781, 4027902; 274781, 4029602; 275681, 4029602; 276181, 4030202; 276481, 4030402; returning to 276838, 4031116.

(92) Subunit 14N; Tulare County, California. From USGS 1:24,000 scale quadrangles Alpaugh, Cocoran, and Taylor Weir. Land bounded by the following UTM Zone 11, NAD27 coordinates (E,N): 276581, 3997103; 276781, 3997003; 278181, 3997002; 278181, 3995402; 279681, 3995403; 279681, 3993803; 278081, 3993803; 278881, 3992203; 278881, 3991403; 279681, 3991403; 279681, 3990603; 279681, 3989803; 279681, 3989003; 278781, 3989003; 278781, 3987403; 279281, 3986303; 278981, 3986303; 278981, 3986503; 278681, 3987003; 278581, 3987203; 278381, 3987303; 277181, 3987403; 276981, 3988303; 276981, 3988803; 276581, 3988803; 276081, 3989703; 275981, 3990603; 276181, 3990803; 276181, 3991303; 276481, 3991303; 276481, 3992303; 274481, 3992303; 274481, 3993903; 274481, 3993903; 274481, 3993903; 274881, 3994503; 274981, 3994703; 275781, 3994703; 273781, 3997102; returning to 276581, 3997103.

(93) Subunit 14O; Tulare County, California. From USGS 1:24,000 scale quadrangles Alpaugh, and Pixley. Land bounded by the following UTM Zone 11, NAD27 coordinates (E,N): 288081, 3974303; 288081, 3974703; 288481, 3975003; 288881, 3975003; 288881, 3975903; 285481, 3975903; 285181, 3976103; 285081, 3976603; 284981, 3977103; 284681, 3977303; 284681, 3977503; 283281, 3977503; 282981, 3977203; 284081, 3976203; 284081, 3976003; 283981, 3976003; 282081, 3976003; 281081, 3977703; 282281, 3977703; 282681, 3977403; 282881, 3977503; 282881, 3977703; 283181, 3977903; 283181, 3978003; 283281, 3978003; 283281, 3979203; 286581, 3980003; 287381, 3980003; 287381, 3979103; 287781, 3979103; 287781, 3977603; 287781, 3977603; 289081, 3977603; 288981, 3976003; 290581, 3975903; 290481, 3975803; 290481, 3975003; 291481, 3975003; 291481, 3975103; 291581, 3975103; 291481, 3974203; 291381, 3974203; 291282, 3973411; 290484, 3973423; 290481, 3974303; 288481, 3974303; returning to 288081, 3974303.

(94) Subunit 14P; Tulare County, California. From USGS 1:24,000 scale quadrangles Alpaugh, and Pixley. Land bounded by the following UTM Zone 11,

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NAD27 coordinates (E,N): 288081, 3974303; 288081, 3973503; 287281, 3973503; 287281, 3973403; 287281, 3973403; 287281, 3972803; 285881, 3972803; 285881, 3973403; 285581, 3973403; 285581, 3973503; 285081, 3973503; 285081, 3972603; 283981, 3972603; 283081, 3974303; returning to 288081, 3974303.

(95) Subunit 14Q; Tulare County, California. From USGS 1:24,000 scale quadrangle Delano West. Land bounded by the following UTM Zone 11, NAD27 coordinates (E,N): 290033, 3972047; 290022, 3971848; 290454, 3971840; 290438, 3971046; 289595, 3971055; 289581, 3971055; 289581, 3972303; 290467, 3972303; 290460, 3972041; returning to 290033, 3972047.

(96) Subunit 15A; San Joaquin County, California. From USGS 1:24,000 scale quadrangle Peters, Farmington, Linden, Valley Springs SW. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 676096, 4212205; 676696, 4211005; 676396, 4211005; 676496, 4210805; 676397, 4210405; 676297, 4210305; 676197, 4210305; 675897, 4210105; 675697, 4210005; 675797, 4209805; 675997, 4209505; 675997, 4209405; 676597, 4209403; 676797, 4209905; 676796, 4210605; 676896, 4210705; 677296, 4211105; 678796, 4211105; 678896, 4210305; 680296, 4210205; 680296, 4209505; 681196, 4209505; 681896, 4210105; 682099, 4210068; 682109, 4209560; 682119, 4209092; 681596, 4208905; 681396, 4208305; 680896, 4208205; 680896, 4205905; 680596, 4205505; 680496, 4204905; 679796, 4204405; 679796, 4203105; 679296, 4203105; 679296, 4203205; 679096, 4203105; 678597, 4203105; 678497, 4202905; 678397, 4202905; 678397, 4202805; 678497, 4202705; 678497, 4202505; 677797, 4202005; 677697, 4201505; 677597, 4201505; 677522, 4201430; 677463, 4201405; 675897, 4201405; 675797, 4202805; 675997, 4203005; 675797, 4203005; 675797, 4204605; 672597, 4204505; 672897, 4205405; 672897, 4205605; 672897, 4206105; 672197, 4206105; 672197, 4206305; 671897, 4206305; 671697, 4206505; 671697, 4206905; 673297, 4206905; 673297, 4207205; 674097, 4207205; 674097, 4207505; 674797, 4207305; 674797, 4207005; 675197, 4207005; 675697, 4207205; 675697, 4207905; 675397, 4207905; 675397, 4207805; 674597, 4207805; 674497, 4207905; 674297, 4208005; 674027, 4208185; 674004, 4208506; 674897, 4208605; 674797, 4209105; 674697, 4209105; 674697, 4209405; 673997, 4209405; 673997, 4209605; 673597, 4209505; 673297, 4209405; 673297, 4209305; 673197, 4209305; 673196,

4211705; 673596, 4211605; 673996, 4211505; 673997, 4211205; 674197, 4211205; 674197, 4211305; 674397, 4211305; 674396, 4211405; 674997, 4211205; 675296, 4211305; 675296, 4211505; 675396, 4211605; 675396, 4211671; 675446, 4211705; 675596, 4211705; 675596, 4211805; 675596, 4212205; returning to 676096, 4212205.

(97) Subunit 15B; Tuolumne and Stanislaus County, California. From USGS 1:24,000 scale quadrangle Keystone, Knights Ferry. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 706708, 4189617; 706796, 4189905; 707396, 4190505; 707896, 4190505; 708496, 4189805; 708796, 4189805; 709296, 4189105; 709296, 4188405; 710196, 4188005; 710015, 4186646; 710009, 4186600; 709573, 4186981; 709372, 4187156; 708531, 4187889; 708447, 4187963; 708360, 4188038; 708228, 4188154; 708095, 4188270; 707735, 4188584; 707703, 4188612; 707661, 4188649; 706981, 4189243; 706692, 4189494; 706674, 4189509; returning to 706708, 4189617.

(98) Subunit 15C; Stanislaus County, California. From USGS 1:24,000 scale quadrangles Paulsell, and Waterford. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 699396, 4176489; 700596, 4176531; 701301, 4176555; 701378, 4176635; 701442, 4176570; 701852, 4176583; 701696, 4176505; 701696, 4176305; 701696, 4176005; 701796, 4175705; 701896, 4175605; 702096, 4175605; 702096, 4174905; 701696, 4174905; 701696, 4174005; 701996, 4173505; 701896, 4173405; 701796, 4173005; 701796, 4173005; 701696, 4173005; 701596, 4172905; 701596, 4172805; 701696, 4172605; 701596, 4172405; 701396, 4172305; 701196, 4172405; 700796, 4172405; 700696, 4172405; 700596, 4172505; 700596, 4172705; 700496, 4172705; 700496, 4172605; 700196, 4172505; 699696, 4172505; 699596, 4172605; 699396, 4172605; 699196, 4172305; 698896, 4172305; 698796, 4172405; 698496, 4172205; 698196, 4172605; 698296, 4172805; 697496, 4174105; 697396, 4174105; 697396, 4174305; 697896, 4174305; 697896, 4176105; 697796, 4176242; 698187, 4176203; 698182, 4176418; 698181, 4176447; returning to 699396, 4176489.

(99) Subunit 15D; Stanislaus County, California. From USGS 1:24,000 scale quadrangle Paulsell. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 703196, 4177305; 703096, 4177105; 703008, 4177164; 703002, 4177308;

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703196, 4177313; returning to 703196, 4177305.

(100) Subunit 15E; Stanislaus County, Tuolumne County, California. From USGS 1:24,000 scale quadrangles Cooperstown, Keystone, La Grange, and Paulsell. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 705196, 4174505; 705496, 4175205; 705096, 4175705; 705396, 4176105; 705796, 4176505; 705796, 4176805; 705796, 4177305; 705196, 4177305; 705096, 4177105; 704896, 4177105; 704896, 4176905; 704696, 4176905; 704596, 4177005; 704596, 4177205; 704396, 4177305; 704296, 4177105; 704096, 4177105; 703896, 4176905; 703596, 4177105; 703596, 4177455; 703757, 4177460; 703741, 4177798; 703896, 4178005; 704096, 4178005; 704196, 4177905; 704296, 4177905; 703996, 4178205; 703996, 4178605; 703896, 4178705; 703996, 4178905; 703996, 4179005; 703685, 4179005; 703683, 4179046; 704531, 4178989; 705326, 4179286; 706238, 4179131; 708158, 4179213; 708755, 4178373; 709373, 4178848; 709975, 4179310; 710001, 4179330; 711355, 4179383; 711346, 4179738; 711724, 4179792; 711695, 4180558; 711674, 4180690; 713133, 4181130; 713537, 4181279; 714099, 4181546; 714637, 4181825; 714723, 4181878; 714730, 4181882; 715078, 4182097; 715141, 4182136; 715046, 4182231; 714819, 4182405; 715196, 4182405; 715596, 4183205; 715896, 4183205; 716096, 4182505; 716996, 4182505; 717196, 4182305; 717196, 4181805; 716996, 4181105; 717296, 4180705; 717296, 4180405; 717203, 4180188; 716996, 4179705; 717579, 4179851; 717796, 4179905; 718596, 4179805; 718796, 4179005; 719396, 4178505; 719551, 4178078; 719796, 4177405; 720222, 4177476; 720396, 4177505; 720796, 4177505; 720841, 4176920; 720896, 4176205; 721496, 4175705; 722296, 4175105; 722796, 4175005; 722896, 4173405; 723096, 4173305; 723296, 4173405; 723796, 4173405; 724196, 4172105; 722896, 4172005; 721796, 4171005; 721668, 4170448; 721596, 4170305; 721496, 4170205; 721296, 4170105; 721096, 4169905; 721096, 4169405; 720096, 4168305; 718996, 4167805; 718796, 4167905; 718196, 4168305; 718096, 4168305; 717996, 4168405; 716296, 4168405; 715996, 4168305; 715696, 4168105; 715596, 4168005; 715496, 4168105; 715496, 4169205; 714996, 4169705; 714996, 4169805; 715196, 4169805; 715296, 4170005; 715396, 4170005; 715396, 4170205; 715396, 4170212; 715396, 4171005; 715296, 4171005; 715296, 4170805; 715196, 4170805; 715196, 4170505; 714996, 4170105; 713996, 4169605; 713896,

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4169705; 713096, 4169305; 712596, 4169205; 712296, 4169205; 712096, 4169405; 711596, 4169705; 711396, 4169705; 710596, 4168905; 709396, 4168905; 709196, 4169505; 708996, 4169505; 708896, 4169705; 708796, 4169705; 708696, 4169605; 708596, 4169705; 708496, 4169805; 708796, 4170005; 708896, 4170105; 708996, 4170205; 709196, 4170305; 709296, 4170405; 709496, 4170605; 709396, 4170605; 709296, 4170705; 709196, 4170605; 708896, 4170405; 708596, 4170305; 708496, 4170105; 708196, 4170305; 708296, 4170305; 708296, 4170405; 708296, 4170605; 708296, 4170705; 708196, 4170705; 707996, 4170605; 707696, 4170705; 707496, 4170705; 707196, 4170905; 707196, 4171005; 707296, 4171105; 707396, 4171005; 707596, 4171105; 707896, 4171405; 707996, 4171405; 708196, 4171605; 708196, 4171705; 708396, 4171905; 708496, 4171905; 708596, 4172005; 708596, 4172105; 708796, 4172205; 708896, 4172305; 708896, 4172405; 708796, 4172505; 708596, 4172505; 708496, 4172605; 708396, 4172505; 708296, 4172505; 708196, 4172405; 708096, 4172305; 707996, 4172305; 707896, 4172505; 707696, 4172405; 707496, 4172505; 707296, 4172505; 707196, 4172105; 707096, 4172005; 706796, 4172005; 706496, 4172105; 706496, 4172205; 706296, 4172405; 706396, 4172505; 706496, 4172605; 706396, 4172605; 706296, 4172605; 706196, 4172705; 705996, 4172905; 705896, 4173105; 705896, 4173305; 706096, 4173605; 705996, 4173705; 705896, 4173905; 705796, 4174005; 705596, 4174005; 705496, 4173905; 705496, 4173005; 705196, 4173005; 705196, 4172405; 704996, 4172205; 704896, 4172205; 70496, 4171905; 70496, 4171905; 704596, 4171705; 704496, 4171605; 704696, 4171205; 704796, 4171305; 704996, 4171005; 704796, 4170905; 704996, 4170805; 704896, 4170705; 704696, 4170505; 704896, 4170005; 705196, 4170005; 705096, 4169905; 705096, 4169305; 704896, 4169105; 704196, 4169105; 703596, 4169305; 703496, 4169405; 703496, 4169405; 703496, 4169905; 703696, 4170005; 703696, 4170105; 703596, 4170605; 703496, 4171105; 703296, 4171305; 703496, 4171305; 703496, 4171605; 703696, 4173805; 704396, 4173805; 704396, 4173505; 705263, 4173505; returning to 705196, 4174505.

(101) Subunit 15F; Stanislaus County, California. From USGS 1:24,000 scale

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quadrangle Paulsell. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 700596, 4170338; 700596, 4170705; 700396, 4170705; 700396, 4170905; 700396, 4171605; 701296, 4171605; 702096, 4171605; 702096, 4169605; 702296, 4169605; 702296, 4169505; 702296, 4169463; 702296, 4169005; 701796, 4168805; 701396, 4168605; 701296, 4168405; 701096, 4168405; 701096, 4169417; 701096, 4169505; 700796, 4169505; 700796, 4170205; 700796, 4170305; 700646, 4170305; 700596, 4170305; returning to 700596, 4170338.

(102) Subunit 15G; Stanislaus County, California. From USGS 1:24,000 scale quadrangles Montpelier, and Paulsell. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 704896, 4167305; 705096, 4167205; 705396, 4167205; 705396, 4166205; 705096, 4166105; 704496, 4166105; 704296, 4166005; 704096, 4166005; 703896, 4166205; 703496, 4166405; 703496, 4166605; 703596, 4166605; 703696, 4166705; 703796, 4166805; 703796, 4167005; 704696, 4167405; 704796, 4167405; returning to 704896, 4167305.

(103) Subunit 15H; Merced County, Stanislaus County, California. From USGS 1:24,000 scale quadrangles Cooperstown, La Grange, Merced Falls, Montpelier, Paulsell, and Turlock Lake. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 712996, 4163605; 712996, 4163505; 713196, 4163605; 713596, 4163805; 713696, 4163805; 713696, 4163905; 713796, 4164105; 714296, 4164105; 714496, 4164305; 714596, 4164605; 714696, 4164605; 714896, 4164505; 714896, 4164005; 714496, 4163805; 714496, 4163405; 714596, 4163305; 715296, 4163805; 715396, 4164005; 715496, 4164005; 715396, 4163705; 715196, 4163505; 715096, 4163305; 714896, 4163105; 714996, 4163005; 715096, 4163005; 715796, 4163005; 715996, 4162905; 716096, 4162705; 716196, 4162605; 716296, 4162605; 716396, 4162705; 716496, 4162805; 716596, 4162905; 716696, 4163005; 716596, 4163405; 716596, 4163605; 716696, 4163405; 7163905; 716896, 4164305; 716796, 4164705; 716896, 4165105; 717296, 4165605; 717296, 4165905; 717096, 4166205; 7166905; 7166905; 716496, 4166105; 716496, 4166705; 716696, 4166705; 716896, 4166905; 716896, 4167105; 717096, 4167205; 717596, 4167205; 718196, 4167105; 718596, 4166905; 718696, 4166405; 718796, 4166205; 719196, 4166505; 719396, 4166605; 719596, 4166305; 719696, 4166205; 719696, 4165905; 719996, 4166105; 719996, 4166005;

720796, 4166005; 720796, 4163505; 721629, 4163505; 721796, 4163505; 722496, 4163905; 722496, 4163961; 722496, 4165105; 722296, 4165105; 722296, 4165205; 721596, 4165905; 721096, 4166105; 720796, 4166305; 720996, 4166405; 721096, 4166505; 721196, 4166705; 721096, 4166805; 720396, 4166805; 720196, 4166705; 720296, 4166505; 720296, 4166405; 720196, 4166305; 720096, 4166305; 719896, 4166605; 719596, 4167205; 719596, 4167405; 719796, 4167605; 720596, 4167605; 720796, 4167505; 720996, 4167305; 721196, 4167205; 721396, 4167505; 721796, 4167505; 722096, 4167405; 722596, 4167405; 722996, 4167305; 723396, 4167205; 723096, 4168205; 723096, 4169005; 723396, 4169505; 723896, 4169605; 724196, 4169605; 724696, 4169005; 724796, 4168105; 725196, 4167705; 725396, 4167005; 726296, 4166905; 726596, 4166405; 726824, 4166235; 727396, 4165805; 727796, 4165605; 729096, 4165605; 730196, 4165205; 730496, 4164905; 730596, 4164705; 730796, 4163905; 731396, 4163905; 731796, 4163605; 731896, 4163205; 732296, 4162605; 732296, 4162305; 732796, 4162505; 733096, 4162405; 733696, 4161905; 733796, 4161305; 733696, 4160805; 734696, 4160205; 734823, 4160078; 734896, 4160005; 734896, 4159940; 734896, 4159305; 734496, 4158505; 734396, 4157905; 734596, 4157705; 734796, 4157805; 734996, 4158105; 735096, 4158605; 735596, 4158605; 735601, 4158601; 735601, 4158601; 735796, 4158405; 735771, 4158278; 735696, 4157905; 736267, 4157334; 736296, 4157305; 736896, 4157105; 736996, 4156905; 736996, 4156305; 736808, 4156305; 736396, 4156305; 736096, 4156105; 735596, 4156105; 735796, 4156705; 733496, 4156905; 731796, 4156705; 730996, 4156305; 728996, 4156405; 728796, 4156505; 728796, 4156605; 728696, 4156705; 728396, 4156705; 728196, 4156605; 727996, 4156605; 727196, 4156605; 726996, 4156405; 726796, 4156305; 726396, 4156305; 726196, 4156405; 725896, 4156305; 725696, 4156205; 725596, 4156105; 725496, 4156005; 725196, 4155905; 725096, 4155805; 724996, 4155805; 724896, 4155905; 724396, 4155505; 723896, 4155505; 723996, 4155105; 723396, 4155205; 722796, 4155205; 722396, 4155205; 722396, 4156605; 722996, 4156605; 722996, 4157205; 723596, 4157205; 723596, 4156805; 723796, 4156805; 723796, 4156705; 724396, 4156705; 724396, 4157205; 724296, 4157205; 724196, 4158005; 723896, 4158005; 723896, 4158805; 722596, 4158805; 722496, 4159005; 722496, 4159005; 722396, 4159105; 722396, 4159105; 721696, 4159305; 721596, 4159405; 721596,

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4159605; 721696, 4159605; 721696, 4159705; 721796, 4159705; 721796, 4160305; 721196, 4159905; 720896, 4160305; 719596, 4160305; 719596, 4160105; 720096, 4159405; 719696, 4159405; 719696, 4159305; 719596, 4159305; 719496, 4159305; 719396, 4159205; 719196, 4159205; 719096, 4159205; 718996, 4159105; 718796, 4158905; 718696, 4158805; 718696, 4158705; 718496, 4158705; 718296, 4158605; 718296, 4158505; 718396, 4158405; 718496, 4158305; 718596, 4158305; 718696, 4158205; 718796, 4158205; 718996, 4158105; 719096, 4157905; 719096, 4157705; 718796, 4157405; 718096, 4157505; 717896, 4157205; 717996, 4157005; 718096, 4156805; 718496, 4157105; 718796, 4156505; 718796, 4156105; 717596, 4156105; 717196, 4156505; 717196, 4156105; 716696, 4156105; 716696, 4155605; 716396, 4155505; 716296, 4154805; 715996, 4154705; 715996, 4154905; 715896, 4155005; 715896, 4155105; 715796, 4155205; 715696, 4155505; 715596, 4155605; 715496, 4155605; 715396, 4156405; 715496, 4156405; 715496, 4157005; 715496, 4157205; 715596, 4157205; 715596, 4157405; 717696, 4157405; 717696, 4159505; 718196, 4160005; 718296, 4160305; 718496, 4160605; 718796, 4160905; 716896, 4160905; 714996, 4160205; 714996, 4160705; 715096, 4160705; 715096, 4160805; 715296, 4160905; 714496, 4160905; 714496, 4161005; 713796, 4161005; 713396, 4160905; 713296, 4161005; 713196, 4160905; 713196, 4160805; 713496, 4160505; 713496, 4160405; 713696, 4160305; 713896, 4160605; 713996, 4160605; 714096, 4160205; 711230, 4160106; 711196, 4161705; 709596, 4161705; 709596, 4163305; 707996, 4163305; 707996, 4162905; 707096, 4162905; 707496, 4165405; 706796, 4165905; 706596, 4165605; 706296, 4166205; 706296, 4166305; 706396, 4166305; 706296, 4166905; 706596, 4166905; 706796, 4166505; 706896, 4166505; 706896, 4166105; 707096, 4166105; 707096, 4165905; 707296, 4165905; 707296, 4166505; 707896, 4165805; 707896, 4165405; 708096, 4165605; 708296, 4165605; 708296, 4165305; 708396, 4165005; 708496, 4165005; 708596, 4165105; 708696, 4165205; 708896, 4165205; 709196, 4164905; 710296, 4164905; 710296, 4166205; 710196, 4166205; 710196, 4166305; 710096, 4166305; 709996, 4166505; 709896, 4166505; 709896, 4166905; 710296, 4166605; 711096, 4167405; 711696, 4167605; 712496, 4167605; 712496, 4167105; 712996, 4167105; 712996, 4167005; 712696, 4166705; 711896, 4166805; 711696, 4166605; 711696, 4166405; 711896, 4166405; 711896, 4166105; 712196, 4166305; 712296, 4166305; 712396, 4166205; 712596, 4166205; 712596, 4166005; 712796, 4166105; 712896, 4166105; 713096, 4165905; 713019, 4165867; 712896, 4165805; 712796, 4165605; 712596, 4165605; 712596, 4165405; 712796, 4165405; 712396, 4165205; 712596, 4165105; 712596, 4165005; 712496, 4164905; 712696, 4164905; 712696, 4164805; 712696, 4164705; 712796, 4164605; 712696, 4164505; 712596, 4164605; 712496, 4164605; 712496, 4164105; 712896, 4164305; 713196, 4164105; 713296, 4163905; returning to 712996, 4163605.

(104) Subunit 15I; Merced County, California. From USGS 1:24,000 scale quadrangle Turlock Lake. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 713896, 4155205; 712696, 4155005; 712696, 4156605; 712996, 4156605; 712996, 4156905; 714896, 4157005; 714896, 4156605; 714396, 4156105; 714296, 4156005; 714096, 4155305; 714096, 4155205; returning to 713896, 4155205.

(105) Subunit 15J; Madera County, Mariposa County, Merced County, California. From USGS 1:24,000 scale quadrangles Haystack Mountain, Illinois Hill, Indian Gulch, Le Grand, Merced, Merced Falls, Owens Reservoir, Plainsburg, Planada, Raynor Creek, Snelling, Winton, and Yosemite Lake. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 736505, 4134005; 733996, 4134005; 733996, 4134605; 733896, 4134705; 733896, 4134805; 733096, 4134805; 733096, 4135605; 732596, 4135605; 730396, 4135505; 730296, 4135405; 730196, 4135405; 729996, 4135505; 729996, 4136305; 729996, 4136505; 730096, 4136505; 730196, 4136405; 730296, 4136405; 730396, 4136405; 730496, 4137305; 730396, 4137305; 729996, 4137505; 729896, 4137505; 729796, 4137405; 729496, 4137405; 729396, 4137605; 729396, 4137605; 729096, 4138205; 729296, 4138305; 729096, 4138205; 728896, 4138505; 728496, 4138605; 728296, 4138605; 727996, 4138405; 727796, 4138305; 727696, 4138205; 727496, 4138105; 727496, 4138105; 727396, 4137605; 727396, 4137605; 727496, 4137405; 727496, 4137405; 727496, 4137305; 727396, 4137205; 727396, 4137205; 727396, 4137205;

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727496, 4137005; 726596, 4137005; 726596, 4148905; 724596, 4148805; 724596, 4149105;  
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4138605; 725996, 4139305; 726596, 4139305; 725196, 4150705; 724796, 4150705; 724796,  
726596, 4139405; 725996, 4139405; 725896, 4153205; 725096, 4153305; 725496, 4153705;  
4139405; 725896, 4140005; 725996, 4140005; 725696, 4153905; 725896, 4154005; 726096,  
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4140605; 725196, 4140605; 725196, 4140805; 726396, 4153505; 727896, 4153405; 727896,  
724996, 4140805; 724996, 4141005; 724196, 4153205; 727996, 4153205; 727996, 4153305;  
4141005; 724196, 4141405; 723496, 4141405; 728496, 4153405; 728796, 4153505; 729096,  
723496, 4140905; 723296, 4140905; 723296, 4153505; 729096, 4153405; 729196, 4153305;  
4140405; 723496, 4140305; 723496, 4139305; 729396, 4153205; 729496, 4153205; 729496,  
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723496, 4138005; 723496, 4138105; 723096, 4154005; 730096, 4154005; 730196, 4154105;  
4138105; 723096, 4138505; 723096, 4138705; 730696, 4154105; 730796, 4154205; 731096,  
723196, 4138905; 723296, 4139205; 723396, 4154405; 731296, 4154505; 731596, 4154505;  
4139305; 722196, 4139305; 722096, 4140305; 731896, 4154705; 732296, 4154705; 732696,  
721996, 4140905; 721996, 4141705; 721996, 4154605; 73296, 4154305; 733496, 4154305;  
4143205; 720896, 4143205; 720996, 4141605; 733796, 4154105; 734796, 4154105; 734996,  
721096, 4141305; 721096, 4141005; 721196, 4154405; 735196, 4154605; 735196, 4154705;  
4140905; 721096, 4140805; 717896, 4140705; 735596, 4155105; 735696, 4155105; 735896,  
717796, 4142305; 714596, 4142205; 714596, 4155305; 736196, 4155705; 737196, 4155205;  
4144705; 715596, 4144705; 715596, 4144805; 737253, 4155173; 737896, 4154805; 738296,  
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4144805; 716196, 4144905; 716196, 4145005; 739196, 4152005; 740296, 4151605; 740896,  
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4145105; 717896, 4145105; 717896, 4145005; 744496, 4144405; 744396, 4143705; 743996,  
717896, 4144905; 717696, 4144705; 717696, 4142505; 744096, 4141805; 744296, 4141505;  
4144605; 717696, 4144505; 717896, 4144305; 745596, 4140105; 746196, 4139305; 746896,  
717996, 4144405; 718296, 4144405; 718496, 4138305; 747796, 4137505; 748596, 4135605;  
4144305; 718796, 4144305; 718796, 4144605; 748796, 4134905; 749596, 4133805; 749596,  
718696, 4144805; 718796, 4144905; 718796, 4133804; 750268, 4132516; 750795, 4131505;  
4145405; 718696, 4145405; 718696, 4145505; 751695, 4130305; 752095, 4130005; 752195,  
718796, 4145605; 718696, 4145705; 718596, 4130005; 752268, 4130005; 752268, 4130004;  
4145805; 718596, 4145905; 718696, 4146005; 752253, 4129985; 752895, 4129905; 753395,  
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4146405; 718296, 4146605; 718396, 4146605; 754095, 4129105; 753495, 4128205; 753995,  
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4147205; 719096, 4147305; 719196, 4147505; 758495, 4126105; 758595, 4126105; 758695,  
719396, 4147405; 719696, 4147705; 719796, 4125805; 757995, 4124905; 757495, 4124905;  
4147805; 719796, 4147905; 719896, 4148005; 757895, 4124205; 757895, 4123805; 758295,  
720096, 4148005; 720696, 4148005; 720696, 4123805; 758595, 4123405; 758895, 4123405;  
4148105; 720796, 4148205; 720896, 4148205; 759095, 4123705; 759395, 4123705; 759795,  
720996, 4148305; 722796, 4148305; 722796, 4123305; 759795, 4123205; 759295, 4122705;  
4148405; 722996, 4148405; 723296, 4148505; 760395, 4121105; 761095, 4120805; 761395,  
723496, 4148505; 723296, 4148405; 723196, 4120105; 762050, 4119369; 762063, 4119354;  
4148305; 723096, 4148205; 723296, 4148005; 761813, 4119070; 761796, 4119063; 761793,  
723496, 4148005; 723596, 4148105; 723696, 4119062; 761739, 4119040; 761614, 4118979;  
4148205; 723696, 4148305; 723896, 4148305; 761592, 4118963; 761571, 4118947; 761507,  
723896, 4148205; 723996, 4148205; 723996, 4118899; 761450, 4118857; 761339, 4118774;  
4148305; 724096, 4148505; 724296, 4148305; 761202, 4118699; 760953, 4118644; 760846,  
724296, 4148705; 724396, 4148805; 724396, 4118560; 760689, 4118439; 760373, 4118414;

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760323, 4118410; 760215, 4118402; 760179, 4125707; 747096, 4125705; 746996, 4125705; 746996, 4125605; 746396, 4125505; 746296, 4125405; 746296, 4125305; 745796, 4125305; 745796, 4124905; 744596, 4124905; 744596, 4125105; 744496, 4125105; 744496, 4125005; 743796, 4125005; 743796, 4125605; 744596, 4126005; 743796, 4126005; 743796, 4126805; 743696, 4126805; 742796, 4126805; 742796, 4126805; 742796, 4126805; 742796, 4127005; 742096, 4128405; 742896, 4128405; 742896, 4128905; 7428905, 4128905; 743096, 4129005; 743496, 4129105; 743696, 4129305; 743696, 4130505; 743596, 4130505; 743596, 4130705; 743196, 4130705; 743096, 4130605; 743096, 4130405; 742496, 4130605; 742096, 4130605; 742096, 4130605; 741296, 4130905; 741396, 4130805; 741596, 4130805; 741696, 4130705; 741696, 4130505; 741496, 4130205; 741396, 4130005; 740496, 4130005; 740496, 4130105; 740396, 4130105; 740396, 4130905; 740596, 4130905; 740596, 4131005; 740796, 4131005; 740796, 4131105; 740896, 4131205; 741096, 4131205; 741096, 4131305; 741196, 4131305; 741196, 4131405; 741096, 4131705; 741096, 4131905; 740896, 4132005; 740796, 4132005; 740596, 4131905; 740496, 4132005; 740396, 4132005; 740296, 4132005; 740296, 4132105; 739996, 4132405; 740096, 4132405; 740396, 4132605; 740396, 4133005; 738896, 4133005; 738396, 4133405; 738196, 4133405; 737196, 4133205; 737196, 4134005; 736796, 4134005; 736696, 4134005; returning to 736505, 4134005.

(106) Subunit 15K; Madera County, California. From USGS 1:24,000 scale quadrangle Kismet. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 764595, 4105205; 761810, 4105205; 761795, 4105705; 762195, 4105705; 762995, 4106105; 763395, 4106005; 764195, 4106505; 764195, 4106005; 764595, 4106005; 764595, 4106205; 764895, 4106105; 765295, 4106205; 765795, 4106305; 765995, 4106505; 766195, 4106505; 766195, 4106305; 766395, 4106205; 766695, 4106105; 766695, 4104905; 764595, 4104805; returning to 764595, 4105205. Subunit 16A; Alameda County, California. From USGS 1:24,000 scale quadrangle Milpitas. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 590197, 4150203; 590578, 4150013; 590549, 4149963; 590480, 4150004; 590417, 4150034; 590409, 4150019; 590406, 4150019; 590403, 4150019; 590400, 4150018; 590397, 4150017; 590394, 4150017; 590391, 4150016; 590388, 4150015; 590299, 4150066; 590297, 4150067; 590296, 4150068; 590294, 4150069; 590292, 4150069; 590290, 4150070;

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590288, 4150071; 590286, 4150071; 590284, 237936, 4106738; 237948, 4106725; 238168, 4150072; 590281, 4150072; 590279, 4150073; 4106555; 238180, 4106552; 238462, 4106471; 590277, 4150073; 590275, 4150073; 590273, 238828, 4106150; 238944, 4106006; 238993, 4150074; 590271, 4150074; 590269, 4150074; 4105943; 239006, 4105826; 239100, 4105747; 590267, 4150074; 590265, 4150073; 590262, 239267, 4105801; 239366, 4105805; 239431, 4150073; 590260, 4150073; 590258, 4150073; 4105771; 239471, 4105749; 239538, 4105670; 590256, 4150072; 590254, 4150072; 590252, 239643, 4105628; 239722, 4105631; 239833, 4150071; 590250, 4150071; 590248, 4150070; 4105709; 240041, 4105959; 240067, 4105976; 590246, 4150069; 590244, 4150068; 590242, 240261, 4106168; 240427, 4106288; 240646, 4150067; 590240, 4150066; 590238, 4150065; 4106271; 240794, 4106317; 240850, 4106318; 590237, 4150064; 590235, 4150063; 590233, 240934, 4106300; 240987, 4106306; 241085, 4150062; 590231, 4150061; 590230, 4150059; 4106346; 241224, 4106484; 241277, 4106485; 590027, 4149887; 590023, 4149883; 590018, 241297, 4106477; 241340, 4106458; 241379, 4149880; 590013, 4149876; 590008, 4149873; 4106421; 241397, 4106400; 241441, 4106368; 590003, 4149870; 589998, 4149867; 589993, 241480, 4106339; 241490, 4106331; 241493, 4149864; 589988, 4149862; 589982, 4149860; 4106329; 241503, 4106323; 241525, 4106272; 589977, 4149857; 589971, 4149856; 589966, 241540, 4106109; 241542, 4105926; 241535, 4149854; 589960, 4149852; 589954, 4149851; 4105887; 241523, 4105819; 241524, 4105756; 589949, 4149850; 589943, 4149849; 589937, 241577, 4105660; 241599, 4105639; 241724, 4149848; 589931, 4149847; 589925, 4149847; 4105475; 241867, 4105341; 241980, 4105195; 589920, 4149847; 589914, 4149847; 589908, 242164, 4104984; 242178, 4104953; 242237, 4149847; 589902, 4149848; 589896, 4149848; 4104895; 242317, 4104855; 242489, 4104677; 589890, 4149849; 589885, 4149850; 589879, 242540, 4104667; 242663, 4104686; 242759, 4149852; 589873, 4149853; 589868, 4149855; 4104765; 242821, 4104791; 242886, 4104779; 589862, 4149857; 589857, 4149859; 589851, 242948, 4104711; 242989, 4104648; 242998, 4149861; 589846, 4149863; 589841, 4149866; 4104610; 242993, 4104521; 242985, 4104499; 589836, 4149869; 589831, 4149872; 589826, 242980, 4104448; 242963, 4104380; 242919, 4149875; 589821, 4149878; 589816, 4149882; 4104259; 242848, 4104109; 242842, 4104071; 589812, 4149886; 589807, 4149889; 589803, 242846, 4104030; 242887, 4103988; 242888, 4149893; 589799, 4149897; 589795, 4149902; 4103988; 243018, 4104116; 243184, 4104236; 589791, 4149906; 589738, 4149968; 589997, 243402, 4104219; 243551, 4104265; 243607, 4149903; returning to 590197, 4150203.

(107) Subunit 15L; Fresno County, and Madera County, California. From USGS 1:24,000 scale quadrangles Daulton, Friant, Gregg, Lanes Bridge, Little Table Mountain, and Millerton Lake West. Land bounded by the following UTM Zone 11, NAD27 coordinates (E,N): 233282, 4106500; 233311, 4106904; 233377, 4107821; 233380, 4107865; 233491, 4107900; 233596, 4107902; 233644, 4107900; 233680, 4107899; 233697, 4107898; 233759, 4107917; 233786, 4107935; 233808, 4107948; 233855, 4107979; 233917, 4108019; 234009, 4108041; 234065, 4108039; 234115, 4108015; 234132, 4107992; 234164, 4107785; 234176, 4107596; 234202, 4107547; 234340, 4107386; 234351, 4107345; 234350, 4107272; 234350, 4107220; 234366, 4107153; 234379, 4107097; 234738, 4106944; 235151, 4106911; 235179, 4106923; 235232, 4106995; 235284, 4107100; 235307, 4107122; 235346, 4107136; 235464, 4107102; 235607, 4107034; 235721, 4106941; 235896, 4106926; 235929, 4106912; 235981, 4106872; 235996, 4106864; 236033, 4106845; 236109, 4106843; 236426, 4106897; 236896, 4106742; 237015, 4106706; 237841, 4106782; 237878, 4106776; 237918, 4106750; 237936, 4106738; 237948, 4106725; 238168, 4106555; 238180, 4106552; 238462, 4106471; 238828, 4106150; 238944, 4106006; 238993, 4105943; 239006, 4105826; 239100, 4105747; 239267, 4105801; 239366, 4105805; 239431, 4105771; 239471, 4105749; 239538, 4105670; 239643, 4105628; 239722, 4105631; 239833, 4105709; 240041, 4105959; 240067, 4105976; 240261, 4106168; 240427, 4106288; 240646, 4106271; 240794, 4106317; 240850, 4106318; 240934, 4106300; 240987, 4106306; 241085, 4106346; 241224, 4106484; 241277, 4106485; 241297, 4106477; 241340, 4106458; 241379, 4106421; 241397, 4106400; 241441, 4106368; 241480, 4106339; 241490, 4106331; 241493, 4106329; 241503, 4106323; 241525, 4106272; 241540, 4106109; 241542, 4105926; 241535, 4105887; 241523, 4105819; 241524, 4105756; 241577, 4105660; 241599, 4105639; 241724, 4105475; 241867, 4105341; 241980, 4105195; 242164, 4104984; 242178, 4104953; 242237, 4104895; 242317, 4104855; 242489, 4104677; 242540, 4104667; 242663, 4104686; 242759, 4104765; 242821, 4104791; 242886, 4104779; 242948, 4104711; 242989, 4104648; 242998, 4104610; 242993, 4104521; 242985, 4104499; 242980, 4104448; 242963, 4104380; 242919, 4104259; 242848, 4104109; 242842, 4104071; 242846, 4104030; 242887, 4103988; 242888, 4103988; 243018, 4104116; 243184, 4104236; 243402, 4104219; 243551, 4104265; 243607, 4104266; 243690, 4104248; 243744, 4104254; 243841, 4104294; 243980, 4104432; 244034, 4104433; 244054, 4104424; 244096, 4104406; 244136, 4104369; 244153, 4104348; 244198, 4104316; 244236, 4104287; 243739, 4103748; 243317, 4103327; 243816, 4102872; 243846, 4102853; 243907, 4102851; 243986, 4102869; 244022, 4102866; 244057, 4102847; 244076, 4102821; 244081, 4102803; 244073, 4102727; 244009, 4102604; 243979, 4102483; 243945, 4102446; 243883, 4102405; 243820, 4102346; 243819, 4102297; 243843, 4102246; 243860, 4102225; 243888, 4102163; 243881, 4102105; 243825, 4101926; 243822, 4101835; 243834, 4101797; 243851, 4101768; 244052, 4101607; 2440446; 243883, 4102405; 243820, 4102346; 243819, 4102297; 243843, 4102246; 243860, 4102225; 243888, 4102163; 243881, 4102105; 243825, 4101926; 243822, 4101835; 243834, 4101797; 243851, 4101768; 244052, 4101607; 244109, 4101572; 244248, 4101531; 244380, 4101479; 244407, 4101441; 244430, 4101366; 244452, 4101345; 244500, 4101326; 244546, 4101327; 244677, 4101372; 244714, 4101355; 244832, 4101207; 244887, 4101188; 244959, 4101191; 245044, 4101145; 245089, 4101146; 245123, 4101168; 245251, 4101294; 245310, 4101305; 245330, 4101299; 245390, 4101254; 245425, 4101238; 246089, 4101180; 246223, 4101151; 246407, 4101186; 246461, 4101199; 246514, 4101195; 246564, 4101173; 246679, 4101038; 246919, 4100757; 246964, 4100704; 246971, 4100694; 246979, 4100681; 246985,

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4100673; 247008, 4100642; 247049, 4100559; 251452, 4098139; 251454, 4098317; 251457, 4098365; 251459, 4098412; 251479, 4098782; 247047, 4100501; 247020, 4100441; 246965, 4098369; 251492, 4099462; 251492, 4099478; 251514, 4100214; 251519, 4100308; 251536, 4100428; 2469774, 4100105; 246785, 4100067; 246825, 4100214; 251545, 4100495; 251558, 4100507; 251633, 4100726; 251669, 4100817; 251916, 4101267; 247305, 4099590; 247362, 4099549; 247775, 252362, 4102020; 252382, 4102000; 252382, 4099331; 247859, 4099331; 248018, 4099400; 4101200; 252982, 4100800; 253782, 4101400; 248083, 4099418; 248143, 4099394; 248162, 254582, 4101400; 255781, 4101800; 257881, 4099381; 248287, 4099295; 248341, 4099296; 4101800; 258981, 4100900; 259081, 4098600; 248564, 4099356; 248620, 4099357; 248645, 4099343; 248672, 4099320; 248742, 4099198; 259281, 4098200; 259281, 4098187; 259281, 248791, 4099151; 249007, 4099043; 249036, 4098066; 259273, 4098055; 259263, 4098040; 4099019; 249079, 4098987; 249116, 4098867; 259229, 4097992; 259005, 4097673; 258907, 249248, 4098690; 249371, 4098554; 249433, 4097686; 258572, 4097694; 258481, 4097660; 4098527; 249542, 4098509; 249826, 4098495; 258407, 4097624; 258381, 4097632; 258314, 249867, 4098479; 249903, 4098417; 249908, 4097564; 258289, 4097564; 258283, 4097527; 4098382; 249911, 4098362; 249922, 4098349; 258184, 4097642; 258181, 4097636; 258181, 249922, 4098324; 249933, 4098287; 249944, 4097700; 258081, 4097800; 256781, 4098100; 4098243; 249974, 4098207; 250003, 4098180; 256281, 4098100; 256281, 4096500; 255082, 250034, 4098156; 250057, 4098130; 250087, 4096600; 254981, 4094900; 256162, 4094900; 4098111; 250197, 4098102; 250324, 4098087; 256123, 4094849; 256058, 4094384; 256055, 250385, 4098079; 250403, 4098084; 250439, 4094364; 256046, 4094295; 256037, 4094227; 4098077; 250481, 4098081; 250518, 4098093; 255930, 4093459; 255877, 4093070; 255875, 250556, 4098104; 250580, 4098115; 250605, 4093057; 255891, 4093056; 255865, 4092898; 4098127; 250637, 4098137; 250660, 4098138; 255775, 4092898; 255737, 4091904; 255827, 250679, 4098131; 250703, 4098112; 250714, 4091855; 255896, 4091964; 255981, 4091993; 4098088; 250730, 4098044; 250736, 4098012; 255981, 4091984; 255981, 4091882; 255749, 250753, 4097975; 250759, 4097946; 250782, 4091668; 255725, 4091647; 255481, 4091500; 4097926; 250783, 4097925; 250800, 4097901; 255256, 4091246; 255189, 4091172; 255172, 250829, 4097888; 250860, 4097868; 250884, 4091162; 255110, 4091082; 254948, 4090900; 4097855; 250901, 4097842; 250925, 4097829; 254886, 4090900; 253782, 4090900; 253744, 250944, 4097818; 250968, 4097797; 250997, 4090862; 253681, 4090800; 253606, 4090800; 4097773; 251026, 4097754; 251062, 4097723; 253582, 4090800; 253482, 4090800; 253481, 251086, 4097697; 251110, 4097670; 251133, 4090400; 253506, 4090400; 253840, 4090400; 4097647; 251152, 4097621; 251156, 4097596; 253882, 4090400; 253881, 4090300; 254082, 251168, 4097577; 251167, 4097549; 251179, 4090300; 253881, 4090200; 253782, 4090200; 4097518; 251178, 4097494; 251170, 4097461; 253681, 4090100; 253581, 4089900; 253482, 251162, 4097446; 251151, 4097425; 251138, 4089900; 253381, 4089800; 253282, 4089700; 4097401; 251120, 4097371; 251100, 4097340; 253182, 4089500; 253082, 4089300; 252782, 251087, 4097305; 251068, 4097281; 251055, 4089100; 252482, 4088800; 251582, 4088800; 4097258; 251048, 4097239; 251054, 4097215; 251582, 4088300; 252582, 4088300; 252509, 251078, 4097190; 251107, 4097171; 251143, 4087866; 252483, 4087712; 252482, 4087700; 4097137; 251167, 4097132; 251196, 4097099; 252471, 4087700; 252382, 4087700; 252280, 251208, 4097088; 251219, 4097051; 251225, 4087650; 252182, 4087600; 251982, 4087400; 4097001; 251228, 4096934; 251233, 4096886; 251882, 4087300; 251782, 4087300; 251682, 251237, 4096818; 251242, 4096774; 251242, 4087200; 251582, 4087100; 251482, 4087000; 4096762; 251258, 4096707; 251270, 4096640; 251482, 4086900; 251282, 4086900; 251182, 251284, 4096582; 251290, 4096536; 251289, 4089100; 251282, 4089800; 251582, 4089800; 251582, 4096504; 251275, 4096456; 251250, 4096389; 251582, 4089900; 251982, 4089900; 251982, 251229, 4096336; 251216, 4096280; 251208, 4090200; 252482, 4090200; 252482, 4091000; 4096251; 251214, 4096231; 251231, 4096188; 251282, 4091000; 251282, 4091400; 251682, 251254, 4096151; 251282, 4096101; 251301, 4091400; 251682, 4091800; 251282, 4092000; 251082, 4092000; 250682, 4096071; 251324, 4096032; 251335, 4095995; 251282, 4092000; 251082, 4092000; 250682, 251327, 4095947; 251332, 4095892; 251331, 4092000; 250482, 4092000; 250482, 4092600; 4095849; 251335, 4095812; 251347, 4095799; 250482, 4092600; 250482, 4092700; 246382, 251359, 4095787; 251383, 4095780; 251384, 4092800; 245582, 4092800; 242382, 4092900; 4095797; 251379, 4095822; 251435, 4097407; 242382, 4094800; 242582, 4094900; 244082, 251437, 4097464; 251437, 4097466; 251449, 4094800; 244082, 4096500; 2444882, 4096400; 4097800; 251453, 4097924; 251444, 4098034; 244982, 4098000; 245782, 4098000; 245782,

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4099600; 242582, 4099800; 242482, 4095000; 242382, 4095000; 239582, 4095000; 237682, 4095000; 237682, 4096000; 237782, 4098300; 239682, 4098200; 239782, 4099800; 236182, 4099900; 236182, 4100200; 237582, 4101700;

238482, 4102500; 238882, 4103100; 239382, 4103900; 238982, 4104100; 238882, 4104200; 238857, 4104194; 238482, 4104100; 238296, 4103914; 238282, 4103900; 238282, 4103400; 238082, 4103200; 237982, 4103100; 237882, 4103100; 237882, 4103946; 237882, 4104000; 237882, 4104100; 238182, 4104100; 237182, 4104100; 237182, 4105500; 235582, 4105600; 235582, 4106400; 233317, 4106498; 233317, 4106498; 233312, 4106499; returning to 233282, 4106500 excluding land bounded by 250582, 4094600; 250557, 4094200; 250519, 4093451; 250497, 4093000; 250497, 4093000; 250882, 4093000; 250922, 4093000; 251282, 4093300; 251374, 4094600; 250582, 4094600; returning to 250582, 4094600.

(108) Subunit 15M; Madera County, California. From USGS 1:24,000 scale quadrangles Millerton Lake East, and North Fork. Land bounded by the following UTM Zone 11, NAD27 coordinates (E,N): 270881, 4108600; 271381, 4108200; 271581, 4107600; 271681, 4107100; 271281, 4106600; 270281, 4106600; 269981, 4106800; 269981, 4107400; 270181, 4108400; 269381, 4108100; 269081, 4108500; 268581, 4108500; 268381, 4109800; 268881, 4110200; 268981, 4110800; 268381, 4111100; 268581, 4111300; 268681, 4112100; 268881, 4112200; 270681, 4112200; 270881, 4111900; 270781, 4111100; 269681, 4110600; 269781, 4110300; 270081, 4110000; 270681, 4109500; returning to 270881, 4108600.

(109) Subunit 15N; Fresno County, California. From USGS 1:24,000 scale quadrangles Academy, and Millerton Lake East. Land bounded by the following UTM Zone 11, NAD27 coordinates (E,N): 266981, 4097100; 267081, 4097400; 267881, 4098100; 268181, 4098500; 268181, 4098700; 268081, 4098900; 267481, 4099600; 267481, 4100100; 267781, 4100600; 268181, 4101200; 268681, 4101200; 269181, 4100900; 269681, 4100900; 269881, 4101100; 269981, 4101300; 269681, 4102000; 269281, 4102200; 268681, 4102600; 268781, 4103600; 269181, 4103600; 269681, 4102900; 270281, 4103300; 270381, 4103300; 270781, 4102300; 270581, 4102200; 270381, 4102000; 270381, 4101700; 270581, 4101300; 270681, 4100900; 270581, 4100800; 270281, 4100500; 269481, 4100300; 268381, 4100300; 268181, 4100100; 268181, 4099900; 268481, 4099600; 268681, 4099300; 268781, 4099000; 268781, 4098700; 268681, 4098100; 268581, 4097900; 268481, 4097600; 268181, 4097400; 267881, 4097200; 267381, 4097100; returning to 266981, 4097100.

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4081100; 267581, 4080701; 266581, 4080700; 266581, 4080900; 266381, 4080900; 266381, 4081100; 266681, 4081100; 266681, 4081501; 267081, 4082101; 267081, 4082200; 268381, 4082201; 268381, 4081500; 268481, 4081401; 268481, 4081000; 268881, 4081001; 268881, 4082600; 269681, 4082600; 269681, 4083000; 270081, 4083000; 270181, 4083600; 268881, 4083300; 268881, 4083170; 268783, 4083242; 268754, 4083261; 268740, 4083277; 268724, 4083296; 268717, 4083328; 268704, 4083389; 268602, 4083754; 268597, 4083780; 268598, 4083808; 268608, 4083832; 268618, 4083854; 268634, 4083876; 268675, 4083938; 268694, 4083971; 268705, 4084033; 268716, 4084073; 268717, 4084108; 268717, 4084130; 268712, 4084156; 268709, 4084176; 268695, 4084200; 268682, 4084220; 268652, 4084236; 268397, 4084375; 268369, 4084390; 268339, 4084395; 268320, 4084391; 268301, 4084381; 268276, 4084377; 268246, 4084363; 268226, 4084354; 268197, 4084355; 268163, 4084356; 268134, 4084371; 268120, 4084387; 268105, 4084400; 268087, 4084426; 268025, 4084514; 268007, 4084539; 267994, 4084559; 267974, 4084575; 267954, 4084585; 267929, 4084591; 267916, 4084597; 267891, 4084592; 267861, 4084587; 267798, 4084565; 267769, 4084556; 267739, 4084552; 267710, 4084548; 267686, 4084548; 267656, 4084554; 267636, 4084569; 267619, 4084585; 267603, 4084605; 267590, 4084621; 267529, 4084743; 267501, 4084802; 267488, 4084826; 267474, 4084848; 267455, 4084863; 267431, 4084877; 267373, 4084903; 267310, 4084930; 267291, 4084945; 267277, 4084964; 267144, 4085292; 267141, 4085317; 267136, 4085337; 267142, 4085360; 267148, 4085380; 267162, 4085393; 267196, 4085414; 267346, 4085522; 267376, 4085567; 267396, 4085585; 267407, 4085600; 267411, 4085614; 267412, 4085638; 267420, 4085736; 267421, 4085780; 267417, 4085803; 267408, 4085819; 267389, 4085849; 267366, 4085881; 267332, 4085885; 267308, 4085914; 267271, 4085944; 267238, 4085981; 267227, 4085999; 267209, 4086020; 267122, 4086227; 267104, 4086256; 267084, 4086269; 267056, 4086283; 266906, 4086331; 266891, 4086342; 266882, 4086352; 266867, 4086372; 266849, 4086402; 266825, 4086426; 266801, 4086437; 266771, 4086445; 266747, 4086438; 266722, 4086426; 266687, 4086406; 266594, 4086390; 266560, 4086382; 266526, 4086381; 266501, 4086377; 266477, 4086377; 266376, 4086400; 266351, 4086401; 266327, 4086402; 266297, 4086403; 266247, 4086390; 266213, 4086381; 266184, 4086375; 266164, 4086377; 266140, 4086383; 266106, 4086398; 265972, 4086470; 265938, 4086490; 265928, 4086507; 265910, 4086537; 265892, 4086570; 265868, 4086595; 265829, 4086610; 265804, 4086620; 265785, 4086618; 265770, 4086609; 265755, 4086589; 265744, 4086563; 265738, 4086531; 265743, 4086505; 265733, 4086482; 265717, 4086458; 265692, 4086440; 265652, 4086425; 265604, 4086407; 265574, 4086399; 265549, 4086385; 265534, 4086369; 265519, 4086344; 265507, 4086302; 265493, 4086278; 265468, 4086253; 265433, 4086239; 265300, 4086200; 265255, 4086191; 265217, 4086197; 265173, 4086214; 265130, 4086230; 265096, 4086250; 265030, 4086310; 264977, 4086370; 264864, 4086462; 264686, 4086500; 264646, 4086646; 264145, 4086593; 263385, 4087492; 263250, 4087462; 262733, 4087787; 262377, 4088430; 262168, 4088625; 261938, 4088667; 261884, 4088677; 261847, 4088935; 261881, 4088900; 261845, 4088949; 261712, 4089859; 261816, 4090114; 261861, 4090181; 261946, 4090230; 262019, 4090628; 261877, 4091074; 261790, 4091345; 261561, 4091701; 261492, 4091853; 261478, 4091881; 261382, 4092067; 261066, 4092009; 260594, 4091923; 260082, 4091835; 259931, 4091809; 259927, 4091872; 259919, 4092031; 259969, 4092207; 260060, 4092294; 260115, 4092347; 260281, 4092532; 260323, 4092741; 260563, 4093046; 260514, 4093202; 260706, 4093697; 260542, 4093983; 260409, 4094216; 260399, 4094501; 260394, 4094638; 259681, 4095909; 259681, 4096500; 259568, 4096500; 259490, 4096685; 259560, 4096972; 259429, 4097248; 259437, 4097286; 259377, 4097317; returning to 259348, 4097383.

(111) Subunit 15P; Fresno County, California. From USGS 1:24,000 scale quadrangle Clovis. Land bounded by the following UTM Zone 11, NAD27 coordinates (E,N): 247982, 4091500; 247982, 4090700; 246682, 4090700; 246682, 4090300; 246482, 4090300; 246482, 4089900; 247082, 4089200; 245882, 4089200; 245882, 4089600; 245482, 4089600; 245582, 4091600; 246182, 4091600; 246182, 4091000; 246582, 4091100; 246882, 4091200; 247282, 4091300; 247582, 4091400; 247882, 4091500; returning to 247982, 4091500.

(112) Subunit 15Q; Fresno County, California. From USGS 1:24,000 scale quadrangle Clovis. Land bounded by the following UTM Zone 11, NAD27 coordinates (E,N): 265581, 4081601; 264281, 4081601; 265554, 4082449; 265656, 4082509; 265781, 4082592; 265781, 4082301; 265681, 4082300; 265681, 4081700; 265581, 4081700; returning to 265581, 4081601.

(113) Subunit 15R; Tulare County, California. From USGS 1:24,000 scale quadrangles Ivanhoe, and Stokes

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Mountain. Land bounded by the following UTM Zone 11, NAD27 coordinates (E,N): 300980, 4041602; 300280, 4041602; 299980, 4041702; 299680, 4041902; 299280, 4042502; 298980, 4042802; 298980, 4043102; 299280, 4043302; 299780, 4043302; 300180, 4045102; 300780, 4045202; 301280, 4044702; 301480, 4044702; 301480, 4045002; 301380, 4045602; 302280, 4045602; 302280, 4045402; 302580, 4045402; 303080, 4045702; 303180, 4045702; 303380, 4045502; 303680, 4045502; 303880, 4045902; 304380, 4045902; 304580, 4046102; 304780, 4046102; 304980, 4046602; 304780, 4047502; 304880, 4047702; 304780, 4048102; 304880, 4048302; 305480, 4048302; 305880, 4047802; 306080, 4047702; 306380, 4047702; 306580, 4047402; 306580, 4046802; 306380, 4046702; 306180, 4045702; 305980, 4045102; 305680, 4044902; 305480, 4044102; 305480, 4043902; 305980, 4043702; 305780, 4043202; 305780, 4042202; 305080, 4042202; 304980, 4041802; 304280, 4041802; 304180, 4041402; 301480, 4041502; 300980, 4041302; returning to 300980, 4041602 excluding land bounded by 299280, 4039193; 298499, 4039227; 298480, 4039302; 298580, 4039602; 298980, 4039702; 298980, 4040802; 299780, 4040802; 299380, 4041302; 300980, 4041202; 300480, 4041202; 300480, 4039902; 300380, 4039202; 300380, 4039102; 300080, 4038402; 299280, 4038402; 299280, 4038639; 299293, 4039193; 299694, 4039182; 299695, 4039202; 299731, 4039993; 300093, 4039986; 300104, 4040440; 299864, 4040716; 299157, 4040740; 299141, 4040404; 299317, 4040392; 299299, 4040017; 299320, 4040016; 299294, 4039202; 299293, 4039193; returning to 299280, 4039193.

(114) Subunit 15S; Tulare County, California. From USGS 1:24,000 scale quadrangles Auckland, Ivanhoe, Stokes Mountain, and Woodlake. Land bounded by the following UTM Zone 11, NAD27 coordinates (E,N): 309080, 4043702; 309680, 4043202; 311780, 4043202; 312180, 4042802; 312780, 4042802; 313080, 4042502; 313080, 4042102; 312580, 4041802; 311080, 4040802; 311080, 4040202; 310680, 4040002; 310680, 4039702; 310480, 4039702; 310480, 4039602; 310080, 4039602; 309980, 4039202; 309980, 4039002; 309780, 4039002; 309380, 4039002; 309380, 4038602; 308980, 4038602; 308980, 4038202; 308180, 4038202; 308080, 4038002; 307980, 4038002; 307980, 4037402; 308180, 4037402; 308180, 4037202; 308380, 4037202; 308380, 4037802; 308780, 4037802; 308780, 4037602; 308780, 4037402; 308780, 4037202; 308780, 4037202; 308780, 4036602; 308780, 4036602; 308180, 4036802; 308180, 4036702; 308280, 4036602; 308180, 4036402; 308380, 4036302; 308380, 4035602; 308380, 4035602; 308380, 4035202; 308980, 4034802; 309080, 4034602; 308780, 4033902; 308680, 4033902; 308680, 4033702; 308580, 4033502; 308280, 4033602; 308080, 4033702; 308180, 4034102; 308080, 4034302; 308080, 4034702; 307780, 4034902; 307580, 4035202; 307480, 4035402; 307480, 4035602; 307280, 4036102; 306980, 4036702; 307180, 4037102; 306780, 4038102; 306780, 4038202; 306880, 4038302; 307080, 4038302; 307280, 4038402; 307180, 4038502; 307180, 4039702; 308180, 4040002; 308580, 4040502; 308280, 4041302; 307680, 4041302; 307180, 4041802; 307180, 4042402; 307780, 4043502; 307880, 4044302; 308280, 4044502; returning to 309080, 4043702.

(115) Subunit 15T; Tulare County, California. From USGS 1:24,000 scale quadrangle Woodlake. Land bounded by the following UTM Zone 11, NAD27 coordinates (E,N): 312780, 4039402; 312780, 4039202; 313580, 4038802; 313180, 4038402; 313780, 4038402; 313980, 4038302; 314180, 4037802; 314680, 4037802; 314880, 4037302; 314880, 4037002; 314080, 4036402; 314180, 4036202; 314980, 4036202; 315180, 4036402; 315580, 4036402; 316180, 4036202; 316480, 4035202; 316480, 4035002; 315980, 4034302; 314180, 4034402; 313480, 4034702; 312880, 4034802; 312880, 4034902; 313080, 4034902; 313080, 4035702; 312580, 4035702; 312580, 4035502; 312380, 4035502; 312180, 4035302; 312080, 4035302; 312080, 4034902; 311380, 4034902; 311380, 4035102; 311580, 4035102; 311580, 4035302; 311180, 4035402; 311180, 4035102; 311080, 4035002; 311080, 4034902; 310580, 4034902; 310480, 4034802; 310380, 4034902; 310380, 4035702; 310680, 4035702; 310680, 4036502; 310680, 4036802; 310580, 4036802; 310580, 4036802; 310680, 4036902; 310680, 4037202; 310480, 4037402; 309880, 4037402; 309980, 4038202; 310180, 4038202; 310180, 4038002; 310580, 4038002; 310580, 4037702; 310880, 4038102; 311280, 4038102; 311280, 4038502; 311580, 4038502; 311580, 4038602; 311680, 4038602; 311680, 4038802; 311780, 4038902; 312080, 4038902; 312080, 4039302; 311680, 4039402; 311780, 4039402; 311880, 4039302; 311680, 4039402; 311780, 4039802; 311780, 4040802; 313080, 4040802; 313680,

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4040302; 313780, 4040102; 313180, 4039402; returning to 312780, 4039402.

(116) Subunit 15U; Tulare County, California. From USGS 1:24,000 scale quadrangle Monson. Land bounded by the following UTM Zone 11, NAD27 coordinates (E,N): 292780, 4036223; 292756, 4036224; 292733, 4035590; 291980, 4035402; 291980, 4036602; 292780, 4036602; 292780, 4037402; 291980, 4037502; 292080, 4039302; 292380, 4039002; 292880, 4039002; 292880, 4038302; 293280, 4038302; 293280, 4038202; 294477, 4038202; 294430, 4036802; 294380, 4035402; 294313, 4035402; 294270, 4035469; 294036, 4035567; 294043, 4035741; 294329, 4035733; 294329, 4035783; 293527, 4035814; 293548, 4036184; returning to 292780, 4036223.

(117) Subunit 15V; Tulare County, California. From USGS 1:24,000 scale quadrangle Monson. Land bounded by the following UTM Zone 11, NAD27 coordinates (E,N): 297580, 4036102; 297580, 4035302; 297580, 4035002; 296880, 4035102; 296280, 4035102; 296780, 4036602; 297580, 4036502; returning to 297580, 4036102.

(118) Subunit 15W; Tulare County, California. From USGS 1:24,000 scale quadrangle Monson. Land bounded by the following UTM Zone 11, NAD27 coordinates (E,N): 293431, 4033802; 292680, 4033802; 292680, 4033808; 292683, 4033807; 292686, 4034084; 293057, 4034063; 293438, 4034046; returning to 293431, 4033802.

(119) Subunit 16B; Alameda County, California. From USGS 1:24,000 scale quadrangle Niles, Milpitas. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 592097, 4150703; 592397, 4150403; 592397, 4150385; 592371, 4150407; 592373, 4150418; 592310, 4150478; 592292, 4150493; 592178, 4150572; 592123, 4150572; 592053, 4150638; 591927, 4150506; 591921, 4150499; 591701, 4150252; 591698, 4150252; 591695, 4150252; 591692, 4150252; 591689, 4150252; 591686, 4150252; 591683, 4150252; 591680, 4150251; 591677, 4150250; 591675, 4150250; 591672, 4150249; 591669, 4150248; 591666, 4150247; 591664, 4150246; 591661, 4150245; 591658, 4150244; 591656, 4150242; 591653, 4150241; 591651, 4150239; 591648, 4150238; 591646, 4150236; 591644, 4150234; 591641, 4150232; 591639, 4150230; 591637, 4150228; 591635, 4150226; 591633, 4150224; 591631, 4150222; 591629, 4150220; 591628, 4150217; 591626, 4150215; 591624, 4150213; 591623, 4150210; 591622, 4150208; 591620, 4150205; 591619, 4150202; 591618, 4150200; 591617, 4150197; 591616,

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4150194; 591615, 4150191; 591614, 4150189; 591614, 4150186; 591613, 4150183; 591613, 4150180; 591613, 4150177; 591612, 4150174; 591612, 4150171; 591612, 4150168; 591612, 4150165; 591612, 4150163; 591613, 4150160; 591613, 4150157; 591539, 4150076; 591493, 4150122; 591340, 4149959; 591352, 4149949; 591366, 4149936; 591397, 4149907; 591428, 4149878; 591570, 4149746; 591647, 4149676; 591686, 4149643; 591717, 4149620; 591762, 4149591; 591785, 4149578; 591817, 4149565; 591874, 4149541; 591922, 4149523; 591968, 4149511; 592009, 4149501; 592054, 4149494; 592098, 4149489; 592161, 4149487; 592216, 4149493; 592333, 4150186; 592342, 4150188; 592341, 4150191; 592348, 4150192; 592349, 4150189; 592395, 4150195; 592297, 4149803; 592197, 4149403; 592097, 4149303; 592081, 4149303; 592200, 4149453; 592185, 4149451; 592155, 4149449; 592127, 4149450; 592091, 4149453; 592050, 4149459; 591983, 4149469; 591941, 4149480; 591880, 4149500; 591814, 4149526; 591748, 4149561; 591691, 4149598; 591654, 4149627; 591627, 4149653; 591550, 4149723; 591407, 4149856; 591376, 4149885; 591345, 4149914; 591332, 4149926; 591319, 4149937; 591317, 4149934; 591142, 4149751; 591013, 4149825; 591597, 4150603; 591697, 4150503; 591897, 4150503; returning to 592097, 4150703.

(120) Subunit 17A; San Benito, Monterey Counties, California. From USGS 1:24,000 scale quadrangle Llanada, San Benito, Hernandez Reservoir, Rock Springs Peak, Topo Valley, Hepsedam Peak, Lonoak, Pinalito Canyon, Monarch Peak, Nattrass Valley. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 673301, 4024031; 673596, 4024104; 674896, 4026004; 674596, 4026304; 674696, 4026804; 674196, 4027104; 673096, 4026604; 672496, 4026804; 671696, 4028504; 670796, 4028504; 669796, 4028704; 669796, 4029904; 669896, 4030504; 670396, 4031904; 670796, 4034904; 671396, 4036904; 669196, 4037504; 669296, 4038404; 668796, 4040104; 669896, 4042504; 671996, 4043104; 674196, 4043304; 676096, 4045404; 677396, 4046504; 683096, 4043104; 683896, 4042004; 683796, 4040404; 682396, 4039504; 681396, 4038404; 681696, 4036804; 681796, 4035604; 680896, 4034304; 678896, 4035004; 678096, 4035804; 677696, 4036904; 677296, 4037604; 676896, 4037704; 676196, 4038304; 675896, 4038804; 675096, 4038304; 675196, 4037804; 674796, 4037404; 673196, 4036804; 673896, 4036304; 674096, 4035304; 674796, 4034804; 675596, 4034504; 676096, 4033404; 676896, 4033104; 677696, 4032504; 678196,

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4031904; 679096, 4031204; 679696, 4031004; 679996, 4031504; 679996, 4032504; 680596, 4032804; 681096, 4032304; 681596, 4031304; 682696, 4031004; 684496, 4028505; 685296, 4028505; 685596, 4028005; 687496, 4029305; 688096, 4030505; 688896, 4030905; 689796, 4031005; 691295, 4032405; 692095, 4032105; 692595, 4031405; 693295, 4031105; 693795, 4031105; 694395, 4030705; 693895, 4029305; 692695, 4028305; 693595, 4028305; 694395, 4027605; 694395, 4027005; 695195, 4025905; 696695, 4024705; 696695, 4023505; 697295, 4022405; 697995, 4022405; 698395, 4021305; 699295, 4020305; 699195, 4019205; 698595, 4019105; 698095, 4018505; 697195, 4018605; 695796, 4017705; 695496, 4016705; 695196, 4016305; 694996, 4015705; 694996, 4014805; 694952, 4014692; 694496, 4013505; 693896, 4012905; 693696, 4011905; 692496, 4010705; 692096, 4008905; 691696, 4008405; 690896, 4008405; 689596, 4009205; 689096, 4009905; 688996, 4010505; 687896, 4010805; 687196, 4010805; 685496, 4011905; 684996, 4013105; 683696, 4013905; 683496, 4014705; 682796, 4015005; 682596, 4016005; 683196, 4016405; 683196, 4016849; 683196, 4017505; 684296, 4019305; 684296, 4020305; 683496, 4022005; 681796, 4023305; 681196, 4023405; 680796, 4024205; 680696, 4025305; 679896, 4025504; 679396, 4026704; 678796, 4027104; 678196, 4026404; 677496, 4026204; 676096, 4025404; 676096, 4024804; 676696, 4024304; 676896, 4023504; 675896, 4022304; 675798, 4021666; 675696, 4021004; 675096, 4020004; 674296, 4019704; 672296, 4016504; 670896, 4015504; 670096, 4015504; 669596, 4015804; 669196, 4016504; 669696, 4017204; 669596, 4018404; 670196, 4019104; 670396, 4022004; 671096, 4022804; 672796, 4023904; returning to 673301, 4024031.

(121) Subunit 18A; Monterey County, California. From USGS 1:24,000 scale quadrangle Williams Hill, Jolon, Valleton, Bradley, San Miguel, Wunpost. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 668597, 3981705; 668797, 3981405; 668597, 3980905; 668797, 3980405; 669497, 3979905; 669897, 3980305; 670697, 3980505; 671497, 3980405; 671497, 3979305; 671997, 3979305; 672797, 3978405; 674797, 3978405; 675497, 3978005; 674697, 3976705; 674897, 3975505; 674997, 3975372; 674997, 3975305; 674797, 3975305; 674737, 3975786; 674736, 3976029; 674706, 3976031; 674697, 3976105; 673540, 3976105; 673514, 3976459; 673497, 3976459; 673497, 3976505; 673129, 3976505; 673126, 3976836; 673926, 3976848; 673934, 3977666; 673097, 3977663; 673097,

3977705; 672358, 3977674; 672298, 3978463; 670682, 3978454; 670706, 3977606; 670697, 3977605; 670697, 3977433; 670307, 3977714; 669890, 3978014; 669500, 3978298; 669301, 3978444; 669106, 3978599; 668788, 3978852; 668773, 3978864; 668728, 3978899; 668672, 3978944; 668639, 3978959; 668524, 3979010; 668452, 3979050; 668397, 3979105; 667234, 3979977; 668252, 3979993; 668234, 3980797; 667835, 3980800; 667819, 3981613; 667417, 3981606; 667411, 3981905; 668097, 3981905; returning to 668597, 3981705.

(122) Subunit 19A; Monterey County, California. From USGS 1:24,000 scale quadrangle Bradley, San Miguel, Wunpost, Valleton. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 706395, 3974906; 706595, 3974206; 706496, 3971706; 706696, 3970606; 707096, 3969906; 707096, 3969206; 706896, 3969006; 706896, 3968006; 706696, 3967305; 705596, 3965306; 705496, 3965306; 705385, 3970275; 706163, 3970285; 706139, 3972736; 705331, 3972723; 705296, 3974306; 705250, 3974306; 705250, 3974310; 705026, 3974306; 704096, 3974306; 703796, 3973606; 703796, 3973206; 703325, 3972358; 703266, 3972286; 702996, 3972106; 702696, 3971806; 702596, 3971706; 702027, 3971042; 702019, 3971042; 701981, 3971006; 701696, 3971006; 701396, 3970806; 700896, 3970806; 700096, 3970806; 700096, 3970206; 699096, 3970216; 699096, 3970306; 699296, 3970506; 699896, 3972006; 700296, 3972606; 700496, 3973406; 700896, 3974106; 701396, 3974506; 701796, 3975306; 702996, 3976106; 703296, 3976706; 704295, 3977606; 704895, 3977706; 705495, 3977706; 706195, 3978106; 706795, 3978506; 706795, 3978106; 706295, 3976506; 706195, 3975306; returning to 706395, 3974906.

(123) Subunit 19B; Monterey, San Luis Obispo Counties, California. From USGS 1:24,000 scale quadrangle Bradley. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 694826, 3962816; 694896, 3963306; 695496, 3963306; 695796, 3963206; 695851, 3963206; 695857, 3962893; 695688, 3962837; 695596, 3962806; 695596, 3962772; 695566, 3962771; 695596, 3961437; 695596, 3961206; 694396, 3961206; 694396, 3961006; 694296, 3961206; 694896, 3961606; 694996, 3962206; 694796, 3962606; returning to 694826, 3962816.

(124) Subunit 19C; Monterey, San Luis Obispo Counties, California. From USGS 1:24,000 scale quadrangle San Miguel. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 706573, 3963024; 706896, 3963306; 707696,

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3963306; 707659, 3963047; 707596, 3962606; 707996, 3962306; 708196, 3961806; 707596, 3961106; 706996, 3961106; 706996, 3961206; 706889, 3961286; 706888, 3961340; 706905, 3962663; 706746, 3962700; 706639, 3962753; 706585, 3962809; 706506, 3962813; 706384, 3962858; returning to 706573, 3963024.

(125) Subunit 19D; San Luis Obispo County, California. From USGS 1:24,000 scale quadrangle San Miguel. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 705696, 3959606; 705996, 3959206; 706045, 3958909; 705731, 3958904; 705722, 3959308; 705396, 3959304; 705396, 3960906; 705559, 3960924; 706296, 3960931; 706296, 3960906; 706096, 3960806; returning to 705696, 3959606.

(126) Subunit 19E; San Luis Obispo County, California. From USGS 1:24,000 scale quadrangle Paso Robles, and San Miguel. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 705796, 3956906; 705407, 3956906; 705396, 3957463; 705396, 3958495; 706383, 3958510; 706696, 3958406; 706996, 3957806; 706996, 3957406; 706496, 3957006; returning to 705796, 3956906.

(127) Subunit 19F; San Luis Obispo County, California. From USGS 1:24,000 scale quadrangle Paso Robles, Adelaida. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 705896, 3956306; 706396, 3955806; 707996, 3955906; 707996, 3955206; 708196, 3954906; 707696, 3953806; 707396, 3953406; 705796, 3952406; 705096, 3952606; 703296, 3952006; 703096, 3952006; 703096, 3953306; 702296, 3953306; 702209, 3954002; 703137, 3954834; 705448, 3954885; 705447, 3954906; 705496, 3954906; 705424, 3956054; 705415, 3956506; 705496, 3956506; returning to 705896, 3956306.

(128) Subunit 19G; Monterey and San Luis Obispo Counties, California. From USGS 1:24,000 scale quadrangle Creston, Paso Robles, Estrella, Ranchito Canyon, Cholame Hills. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 724752, 3963363; 725195, 3963806; 725195, 3963369; 725195, 3963106; 725095, 3961906; 725695, 3961506; 726195, 3961506; 726195, 3961106; 725295, 3960206; 725195, 3959006; 724795, 3958106; 724395, 3956506; 724795, 3956306; 725295, 3954806; 724195, 3953406; 723895, 3952506; 723495, 3951806; 723195, 3950406; 723595, 3949506; 723595, 3948806; 724195, 3948306; 723595, 3948206; 722395, 3948706; 719295, 3948706; 719295, 3949506; 718395,

3949506; 718396, 3948706; 718995, 3948706; 719095, 3948506; 719295, 3948506; 719295, 3947906; 720095, 3947906; 720095, 3946306; 720295, 3946206; 720895, 3945506; 721095, 3945006; 721195, 3944706; 721196, 3943206; 720196, 3943206; 718796, 3942006; 717796, 3941506; 717496, 3941506; 717096, 3941706; 717296, 3942306; 715196, 3944706; 715396, 3945006; 714596, 3945706; 714896, 3946006; 714696, 3946206; 714096, 3946206; 713296, 3946806; 713296, 3947006; 713696, 3947606; 713596, 3948206; 713296, 3948506; 712896, 3947706; 712696, 3947706; 712596, 3947806; 712596, 3948606; 711696, 3948906; 711396, 3949106; 711296, 3949606; 710696, 3949706; 710596, 3949806; 710596, 3950006; 710996, 3950206; 710996, 3950406; 710696, 3950506; 709496, 3950306; 709396, 3951906; 709896, 3954606; 709596, 3955006; 709596, 3955406; 710296, 3955406; 710496, 3955306; 711096, 3955106; 711596, 3954406; 711696, 3953406; 713996, 3953406; 714296, 3953806; 714596, 3953606; 715096, 3953506; 715296, 3953306; 715596, 3953206; 715796, 3953206; 716096, 3953506; 716595, 3953506; 716895, 3953406; 717695, 3953506; 717995, 3954006; 718595, 3954406; 718995, 3954606; 719395, 3954706; 720495, 3955406; 721495, 3956506; 722295, 3958206; 722595, 3960206; 723395, 3961906; 724295, 3962306; 724495, 3963106; returning to 724752, 3963363.

(129) Subunit 20A; San Luis Obispo, California. From USGS 1:24,000 scale quadrangle Simmler. Land bounded by the following UTM Zone 11, NAD 27 coordinates (E,N): 229082, 3913702; 231982, 3913003; 233382, 3913003; 234382, 3912703; 235182, 3911903; 235382, 3911003; 233982, 3909903; 233782, 3909503; 235382, 3908803; 235782, 3908303; 237282, 3907303; 237782, 3906103; 238014, 3905871; 238008, 3905871; 237194, 3905886; 237184, 3905886; 236403, 3905898; 236380, 3905898; 236429, 3907546; 235115, 3907587; 234832, 3907596; 234824, 3907373; 234770, 3905961; 233642, 3906004; 231878, 3906076; 231889, 3906496; 231732, 3906501; 231682, 3906803; 231982, 3908603; 231882, 3909202; 229482, 3910003; 227282, 3911002; 227382, 3913202; 228182, 3913602; returning to 229082, 3913702.

(130) Subunit 21A; Santa Barbara County, California. From USGS 1:24,000 scale quadrangle Santa Ynez, Lake Cachuma, Los Olivos, Figueroa Mtn. Land bounded by the following UTM Zone 10, NAD27 coordinates (E,N): 775096, 3831708; 774296, 3831608; 773696, 3831708; 772596, 3831608; 772196, 3831208; 771496, 3831308; 770496, 3830808; 769896,

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3830708; 769396, 3830908; 769196, 3831108; 768596, 3832408; 768596, 3833108; 768796, 3833508; 769996, 3834508; 770296, 3834508; 771996, 3835008; 772396, 3835108; 772896, 3834808; 773196, 3834808; 773196, 3835108; 773796, 3835108; 773796, 3835508; 773696, 3835908; 773296, 3836708; 773896, 3836908; 774396, 3836308; 774996, 3836108; thence east to UTM zone 11, land bounded by the following UTM 11 NAD 83 coordinates (E, N): 225183, 3836002; 225383, 3836203; 225683, 3836802; 226683, 3838302; 228283, 3839102; 229883, 3838802; 232283, 3840302; 232483, 3841502; 232383, 3842502; 231683, 3842902; 230383, 3844702; 230083, 3846003; 230883, 3846202; 231283, 3846002; 231783, 3846002; 232083, 3846302; 232883, 3846802; 233883, 3846802; 234583, 3846202; 234783, 3845402; 235283, 3845402; 235983, 3844303; 236483, 3844002; 236483, 3843602; 235983, 3843402; 235783, 3843102; 235583, 3842802; 235283, 3842702; 235183, 3842602; 235183, 3841802; 235383, 3841102; 235283, 3840503; 234783, 3839802; 234983, 3839502; 234683, 3839302; 234683, 3839102; 234383, 3839102; 233883, 3839102; 233183, 3838002; 232983, 3837802; 232383, 3837702; 232183, 3838002; 231883, 3838202; 231483, 3838302; 230783, 3837502; 230883, 3837002; 230383, 3836402; 230183, 3835902; 230083, 3835502; 229183, 3835102; 228983, 3834702; 228883, 3833602; 228083, 3833102; 227483, 3833002; 227083, 3832602; 226783, 3832202; 226183, 3832202; 225883, 3832302; 225283, 3831802; 225083, 3831702; 224883, 3831702; thence west to UTM zone 10 to the point of beginning at UTM 10 NAD 27 coordinates 775096, 3831708.

(131) Subunit 22A; Ventura County, California. From USGS 1:24,000 scale quadrangles Alamo Mountain, Lion Canyon, Lockwood Valley, San Guillermo, and Topatopa Mountains. Land bounded by the following UTM Zone 11, NAD27 coordinates (E,N): 315281, 3843603; 315781, 3842204; 316581, 3840904; 317282, 3837903; 317281, 3836804; 317205, 3836464; 316582, 3833703; 315782, 3833103; 315282, 3833903; 314082, 3833903; 313182, 3832003; 311582, 3830603; 310182, 3830303; 309482, 3830803; 308482, 3830703; 307282, 3830403; 306082, 3831003; 304782, 3831103; 303482, 3831903; 302182, 3832403; 301682, 3833403; 300482, 3833403; 299282, 3833803; 298282, 3834203; 297782, 3835103; 297982, 3837103; 299582, 3837303; 301282, 3838203; 301582, 3839103; 303482, 3840803; 303882, 3842503; 304982, 3843403; 305882, 3843403; 307782, 3843204; 309582, 3843204; 310582, 3844003; 311982, 3844404; 313481, 3845203; 314581, 3843903; returning to 315281, 384360.

[70 FR 46956, Aug. 11, 2005]

**§ 17.99 Critical habitat; plants on the islands of Kauai, Niihau, Molokai, Maui, Kahoolawe, Oahu, and Hawaii, HI, and on the Northwestern Hawaiian Islands.**

(a) *Maps and critical habitat unit descriptions for the islands of Kauai and Niihau, HI.* The following paragraphs contain the legal descriptions of the critical habitat units designated for the Hawaiian Islands of Kauai and Niihau. Existing manmade features and structures within the boundaries of the mapped areas, such as buildings; roads; aqueducts and other water system features, including but not limited to pumping stations, irrigation ditches, pipelines, siphons, tunnels, water tanks, gaging stations, intakes, reservoirs, diversions, flumes, and wells; existing trails; campgrounds and their immediate surrounding landscaped area; scenic lookouts; remote helicopter landing sites; existing fences; telecommunications equipment towers and associated structures and equipment; electrical power transmission lines and distribution, and communication facilities and regularly maintained associated rights-of-way and access ways; radars, telemetry antennas; missile launch sites; arboreta and gardens; heiau (indigenous places of worship or shrines), and other archaeological sites; airports; other paved areas; and lawns and other rural residential landscaped areas do not contain one or more of the primary constituent elements described for each species in paragraph (b) of this section and therefore are not included in the critical habitat designations.

(1) *Kauai.* Critical habitat units are described below. Coordinates in UTM Zone 4 with units in meters using North American Datum of 1983 (NAD83). The following map shows the general locations of the 219 critical habitat units designated on the island of Kauai.

(i) NOTE: Map 1—Index map follows: